

SUPERLINK 2th edition



# RF COAXIAL CONNECTOR

Provide The Most Effective Interconnection Solutions



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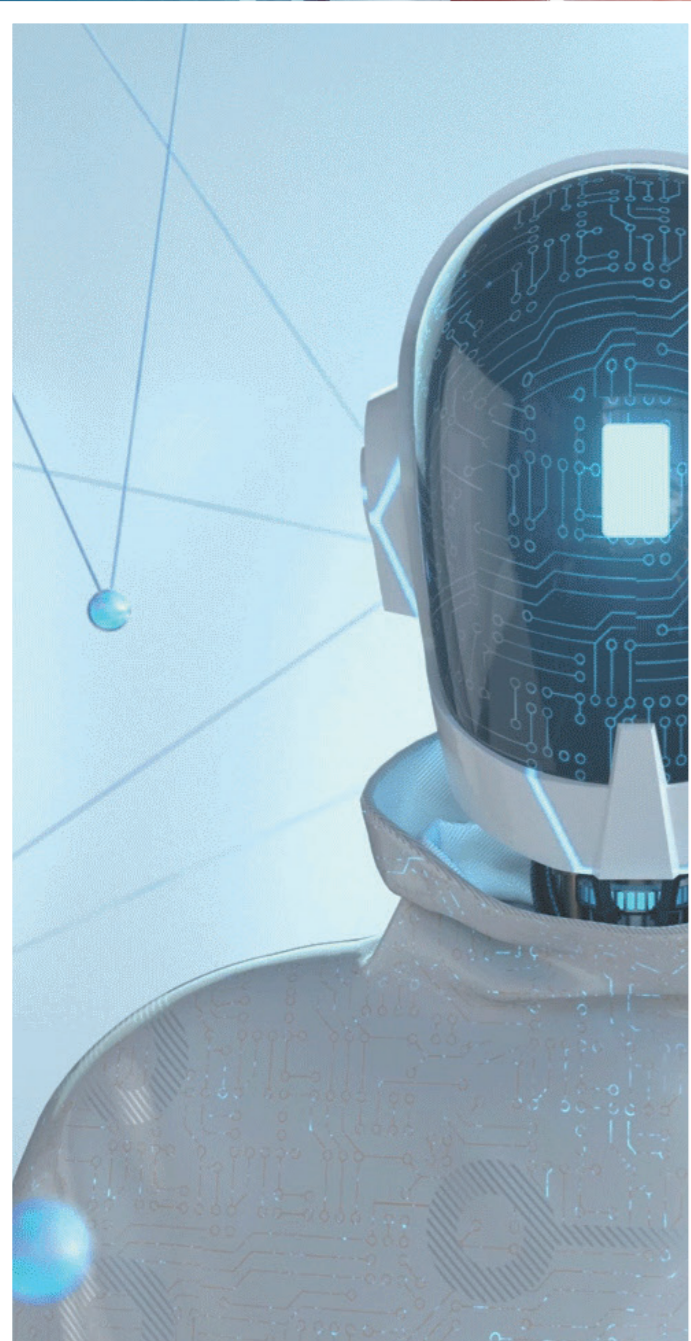
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**SHENZHEN SUPERLINK TECHNOLOGY CO.,LTD.**



### Our Vision

Establish an international brand and continuously create value for social and human development



### Our Mission

Provide value-added products and professional services to society through technology innovation and leadership



### Our Core Values

Customer First  
Keep Promise  
Continuously Improve  
Win-Win-Win Cooperation

## Shenzhen Superlink Technology Co.,Ltd.

Is founded in 2008, specializing in the development, design and manufacture of interconnection products and solutions.

We own strong scientific research strength, precision equipments and professional management systems. With reliable and consistent quality, we have been recognized by many customers and established long-term strategic partners with many top fortune 500 enterprises globally.

We are professional to provide ODM, OEM and engineering customization services, our related products have been widely used in telecommunications, data communication, test and measurement, medical, industrial automation, military, semiconductor, aerospace and so on. With outstanding technical innovation and professional service as our mission, we provide to customers the most effective interconnection solutions.



Telecom



Health Care



Aerospace



Data Communication



Test Measurement



Industrial Automation

# Company Milestone

- **Founded** in Dongguan
- Passed ISO9001:2008

**2008**

**2009**

- Factory moved to Shenzhen
- Became a strategic partner of Volex,Times
- Obtained the first patent

- Produced RF cable assemblies
- Obtained UL & CUL certification
- Product frequency up to **20GHz**

**2010**

**2013**

- Passed medical certification:ISO13485:2003
- Passed ISO14001:2004
- Product reached **40GHz**

- Passed ISO14001:2004
- Became a member of Shenzhen special equipment association

**2015**

- Became an IPC member
- Established the TEMP BU
- Passed the national high-tech enterprise certification
- Products reach **67GHz**
- Established cable processing workshop

**2017**

**2019**

- Approved by Guangdong Province RF microwave passive components and system engineering technology research center
- Passed intellectual property management system certification GB/T29490-2017;
- Successfully developed semiconductor manufacturing and testing products

- Established clean assembly workshop and constant temperature and humidity machine processing workshop
- Product frequency reach **110GHz**

**2020**

- Obtained Shenzhen Science and Technology Innovation Commission technology center
- Passed IATF16949 :2016
- Obtained **100+** patent certifications

**2021**

**2022**

- Became a member of China Electronic Components Association

## R&D CAPABILITY >>>



### Design Ability

- RF product frequency up to 110GHz
- PIM <-125 dBm
- Product life can be up to 100,000 times
- Air tightness
- Precision test requirement
- SI simulation test board & test fixture design
- Machining Parts & Mold Design



### Software & Test Equipment

- Keysight network analysis, 26.5GHz, 40 GHz, 67GHz, up to 110 GHz
- Electrical Test: network analyzer test, 3rd (passive) intermodulation test (PIM), Comprehensive cable test/Contact resistance test/Insulation resistance test/withstand voltage test
- Mechanical test: Rockwell 2.0, automatic plug test, push-pull torque test
- Environment and reliability testing, salt spray, airtight, aging, impact, IP67/68 waterproof, Failure cause analysis
- Ansoft HFSS software

## PRODUCTION CAPABILITY >>>



### Machining and Assembly Workshop


- The accuracy of STAR CNC from Japan reaches 0.002mm
- Has an automated semi-rigid cable bending machine that can make special 3D shapes
- Possess the welding ability of ultra-micro coaxial and low in termodulation radio frequency cable assemblies
- Heat treatment capacity up to 2500 C various encapsulation processes
- Special waterproof production capacity, IP68 airtight level



### Cable Workshop

- The constant tension winding production line adopts German ZF hysteresis tension controller and Mitsubishi servo motor. I can wind the core wire in the range of 2-15mm, the pitch range is 0.5-20mm, and the winding head speed is 0-1000 rpm to ensure the cable in the winding process The consistency, reliability, and stability of performance.
- The knitting machine adopts advanced frequency conversion control (technology which has the characteristics of stepless speed regulation, high-speed knitting, fault alarm, low nose, high reliability, high precision and high strength. Ensure that the binding force and shielding properties of the product during processing meet the standard requirements, and there are no undesirable phenomena such as broken wires and loose weaving.

# SLK PRODUCTS LIST >>>




**RF connector**

- Type: 1.0mm, 1.35mm, 1.85mm, 2.92mm, 7/16 mm, BMA, BNC, MCX, MMCX, N, SMA, SMB, SMP, SSMP, TNC, UHF, etc
- Frequency: up to 110GHz




**Test cable assemblies**

- From durable to VNA high precision series, many kinds of adapters, meet all the requirements of switching test
- Frequency: up to 110GHz
- Application: network analyzer test, RF conductor test, mobile phone production line test



**RF test probes**

- Multi-channel series
- Customization series
- Reliable quality



**RF coaxial cable**


- Main products: high frequency cable, amplitude and phase stable cable and test Railway cable etc.
- Frequency: 18GHz, 40GHz, 67GHz to 110GHz
- Support customization

# SLK PRODUCTS LIST >>>




**RF Cable assemblies**

- Phase match & Stable
- Hybrid & Microwave
- Flexible
- Semi-flex and Semi-rigid
- Corrugated



**Custom wiring harness**

- Medical
- Semi-conductor
- Aerospace
- Automotive
- Industrial



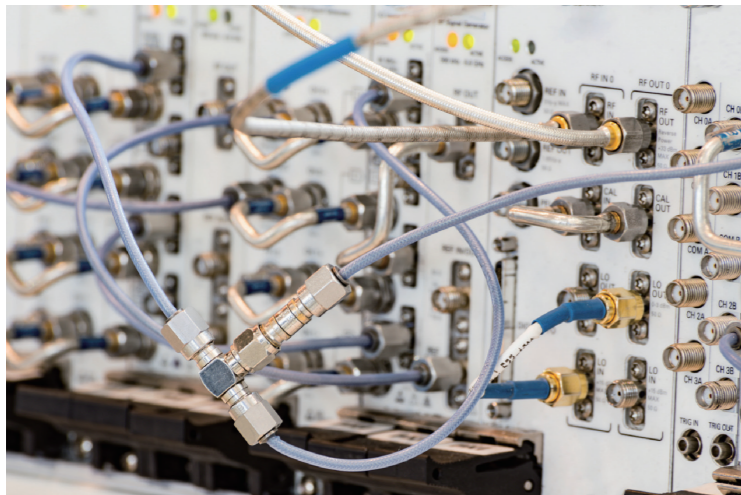
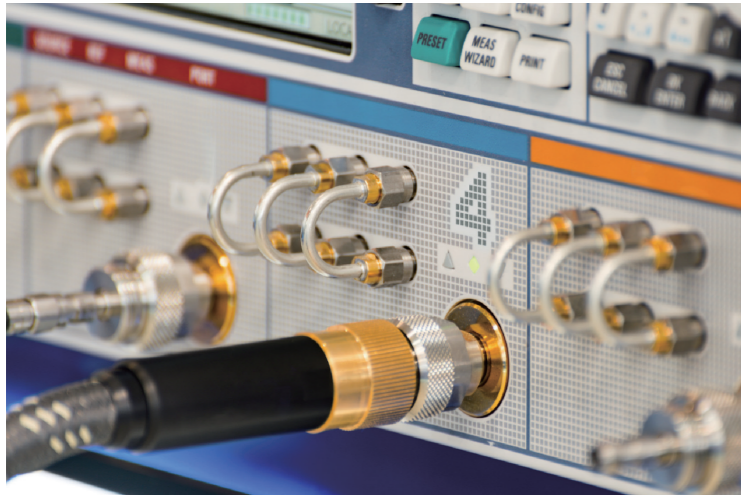
**Industrial/military/mixed connector**

- MIL -DTL- 38999 series connector
- MS hybrid module combination connector
- Industrial connectors: M12 and M16, etc
- Push and pull self-locking connector



**Transient EM Pulse Protection**

- DC PASS, DC Block, and TEMP comprehensive protection solutions
- Features: SLK TEMP protection core technology
- Applications: rail transit, radar, aircraft, military, wireless communications etc



## APPENDIX

Company Profile .....	01	BMA .....	82/87
1.0mm .....	11	BNC .....	88/93
1.35mm .....	12	TNC .....	94/99
1.85mm .....	13/16	MCX .....	100/105
2.4mm .....	17/22	MMCX .....	106/111
2.92mm .....	23/32	UHF .....	112/115
3.5mm .....	33/35	FME .....	116
1.0/2.3 .....	36/39	N .....	117/124
4.3/10 .....	40/43	HN .....	125/128
7/16 .....	44/49	LC .....	129
SSMP .....	50/55	D-SUB .....	130/132
SBMA .....	56	FAKRA .....	133
SMA .....	57/64	MIXED .....	134
SMB .....	65/70	BUNDLE .....	135
SMC .....	71/73	ADAPTER .....	136/141
SMP .....	74/81	REFERENCE .....	142/146

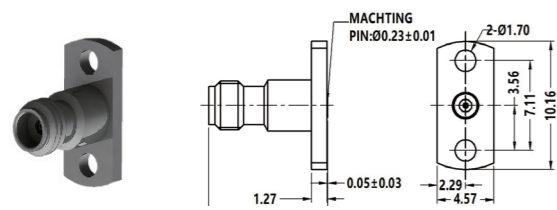
**Provide The Most Effective Interconnect Solutions**

# 1.0mm Series Connector

## 1.0mm Series

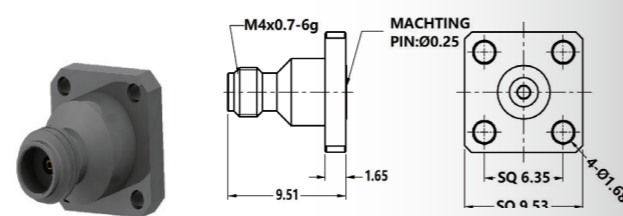
1.0mm connectors, with a frequency of up to 110GHz, are used in high-performance radio frequency measurement, autonomous vehicles, 5G communications and other fields.

1.0mm straight female connector (PCB connector)



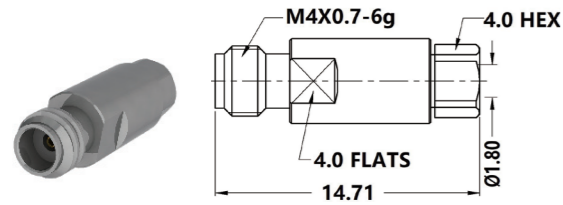
SLK P/N: 5T1F84S-H21  
Mounting: 2 hole flange  
Frequency: 110 Ghz

1.0mm straight female connector (PCB connector)



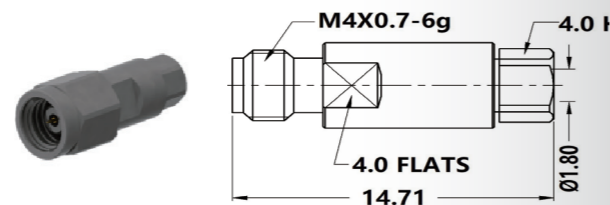
SLK P/N: T-5T1F88S-H41  
Mounting: 4 hole flange  
Frequency: 110 Ghz

1.0mm straight female connector (flexible cable solder type)



SLK P/N : T-5T1F15S-A659  
Cable: SPB-160  
Frequency: 110 Ghz

1.0mm straight male connector (flexible cable solder type)



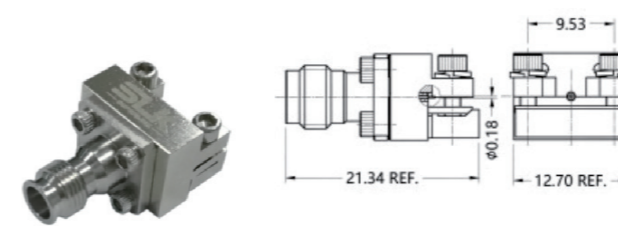
SLK P/N: T-5T1M15S-A659  
Cable: SPB-160  
Frequency: 110 Ghz

# 1.35mm Series Connector

## 1.35mm Series

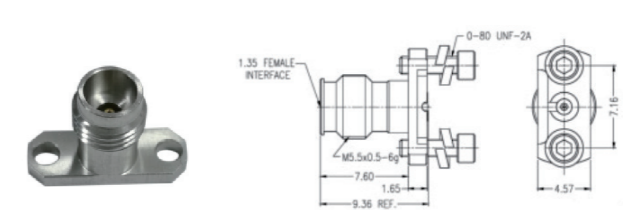
1.35mm connector, using frequency up to 90GHz, used in high-performance radio frequency measurement, autonomous vehicles, 5G communication and other fields.

1.35mm straight female connector (PCB connector)



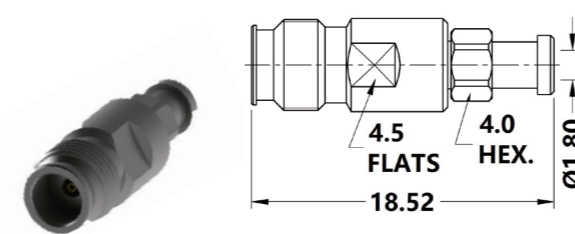
SLK P/N: T-5T2F80S-H41  
Mounting: PCB end-launch  
Frequency: 90 Ghz

1.35mm straight female connector (PCB connector)



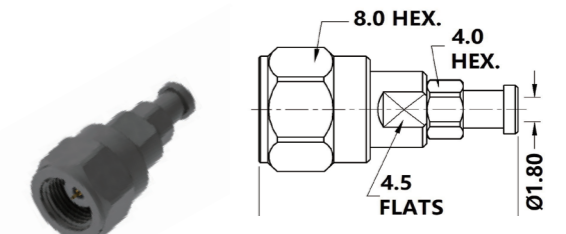
SLK P/N: T-5T2F80S-H21  
Mounting: 2 hole flange  
Frequency: 90 Ghz

1.35mm straight female connector (flexible cable solder type)



SLK P/N: T-5T2F15S-A659  
Cable: SPB-160  
Frequency: 90 Ghz

1.35mm straight male connector (flexible cable solder type)



SLK P/N: T-5T2M15S-A659  
Cable: SPB-160  
Frequency: 90 Ghz

1.35mm Series

1.0mm series

# 1.85mm Series Connector

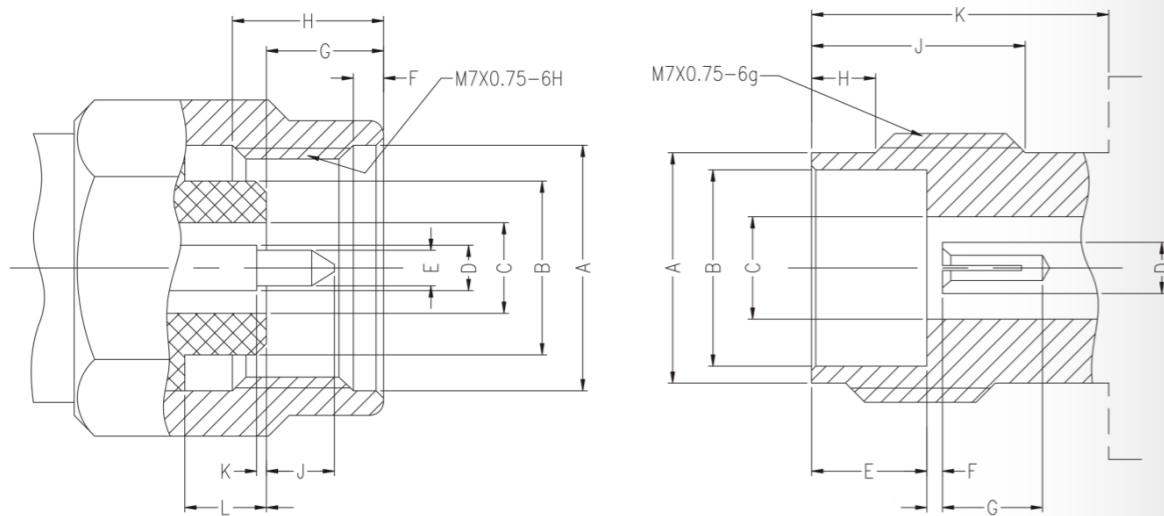
## 1.85mm Series

Superlink 1.85mm microwave RF connector adopts air interface medium, which is small in size, light in weight, and has good connection reliability.

The operating frequency is up to 65GHz.

It is widely used in modern precision measurement and testing fields and various millimeter wave communication equipment.

The mechanical interface is compatible with 2.4mm connectors.



### Male

Label	Minimum	Max
A	7.01	7.01
B	4.725	4.725
C	1.845	1.845
D	0.80	0.80
E	0.506	0.506
F	0.51	0.51
G	1.85	1.85
H	4.37	4.37
J	1.335	1.335
K	-	-
L	3.38	3.38

### Female

Label	Minimum	Max
A	5.79	5.89
B	4.77	4.795
C	1.845	1.855
D	0.80	0.808
E	3.00	3.10
F	-	0.05
G	2.65	-
H	1.37	1.63
J	4.80	5.06
K	6.00	-

Note: unit mm

Reference standard: IEEE Std 287

# 1.85mm Series Connector

## 1.85mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-65 GHz
Operating Voltage	150 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor $\leq 2.2 \text{ m}\Omega$ (initial value) Outer conductor: $\leq 0.15 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 500 \text{ m}\Omega$
VSWR	$\leq 1.3$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel	Gold-plated, passivated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper	
Insulator	PEI, PEEK, TEFLON	N/A

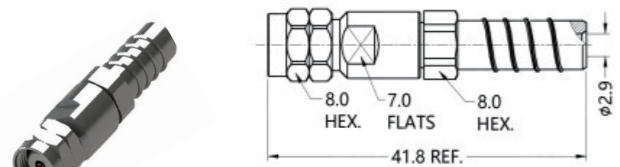
Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 14 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 3.2 \text{ ounces}$
Center pin pull-out force	$\geq 0.5 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500times



# 1.85mm Series Connector

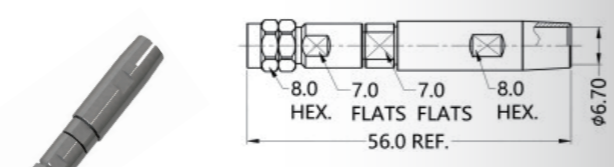
## 1.85mm Series

1.85mm straight male connector (Flexible cable spinning type)



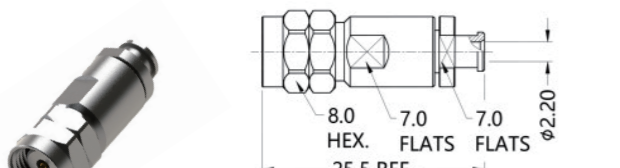
SLK P/N: 5P1M15S-A534  
Cable: TCF 219  
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



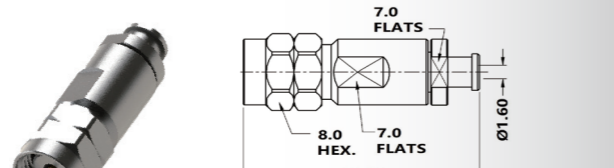
SLK P/N: 5P1M15S-A534  
Cable: TCF 219  
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



SLK P/N: 5P1M15S-A420-001  
Cable: Tflex 047  
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)

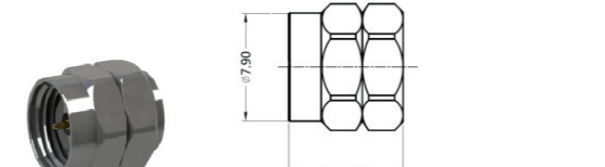


SLK P/N: 5P1M15S-A420  
Cable: P-Flex 047  
Frequency: 67 Ghz

# 1.85mm Series Connector

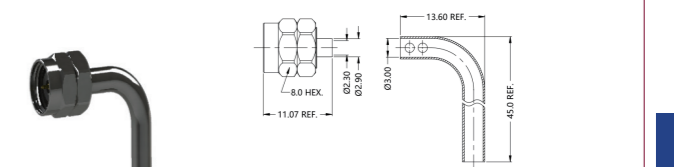
## 1.85mm Series

1.85mm straight male connector (flexible cable solder type)



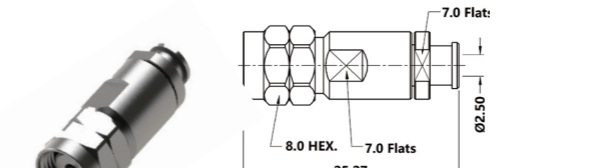
SLK P/N: 5P1M11S-A620  
Cable: TBEND-250-L  
Frequency: 67 Ghz

1.85mm right angle male connector (flexible cable solder type)



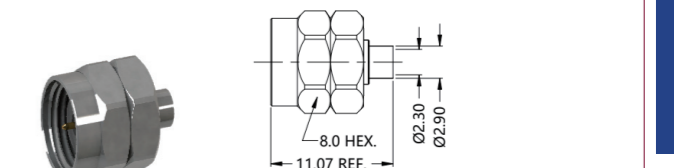
SLK P/N: 5P1M15R-A552  
Cable: TBEND-250-L  
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



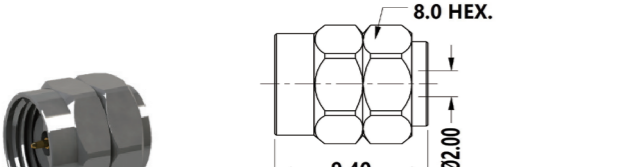
SLK P/N: 5P1M15S-A552-001  
Cable: SPB-230  
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



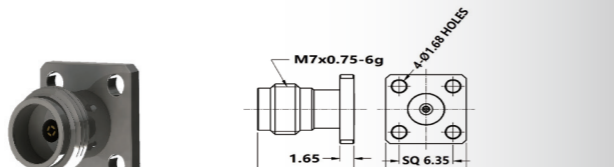
SLK P/N: 5P1M15S-A552-002  
Cable: SPB-230  
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



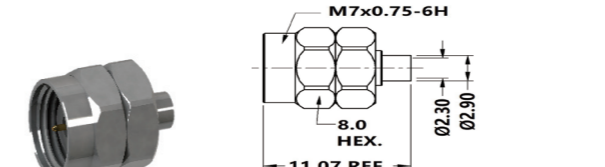
SLK P/N: 5P1M11S-A646  
Cable: TBEND-250-L  
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



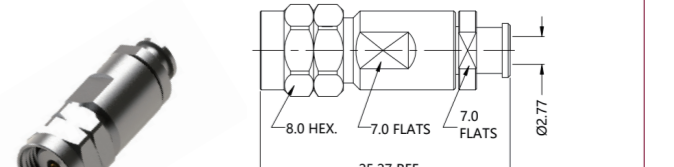
SLK P/N: 5P1F88S-H41  
Mounting: 4 hole flange  
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



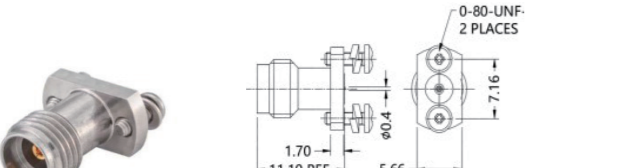
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Cable: SPB-230  
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



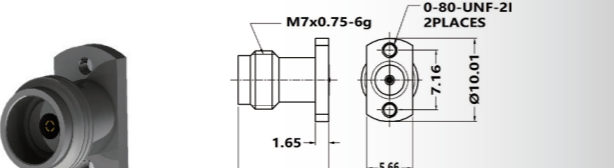
SLK P/N: 5P1M15S-A564-002  
Cable: SPB-230-P  
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



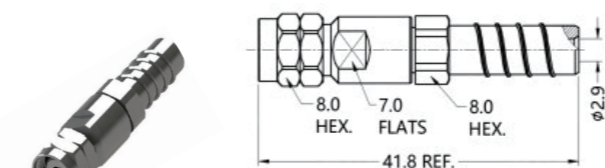
SLK P/N: 5P1F87S-H21-002  
Mounting: 2 hole flange  
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



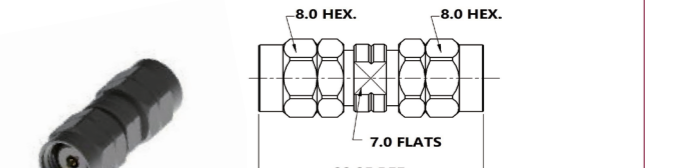
SLK P/N: 5P1F87S-H21-001  
Mounting: 2 hole flange  
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



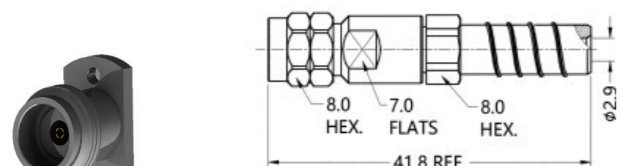
SLK P/N: 5P1M15S-A534  
Cable: TCF 219  
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



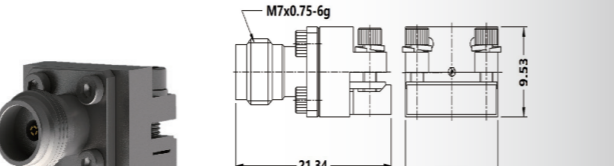
SLK P/N: 5P1M15S-A420-002  
Cable: TBEND-250-L  
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



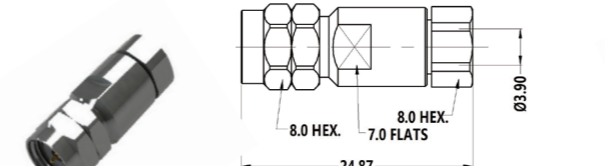
SLK P/N: 5P1F87S-H21  
Mounting: 2 hole flange  
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



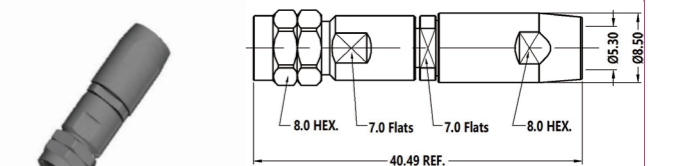
SLK P/N: 5P1M15S-A534  
Cable: TCF 219  
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



SLK P/N: 5P1M15S-A436  
Cable: SPB-230-P  
Frequency: 50 Ghz

1.85mm straight male connector (flexible cable solder type)



SLK P/N: 5P1M15S-A552  
Cable: SPB-230  
Frequency: 65 Ghz

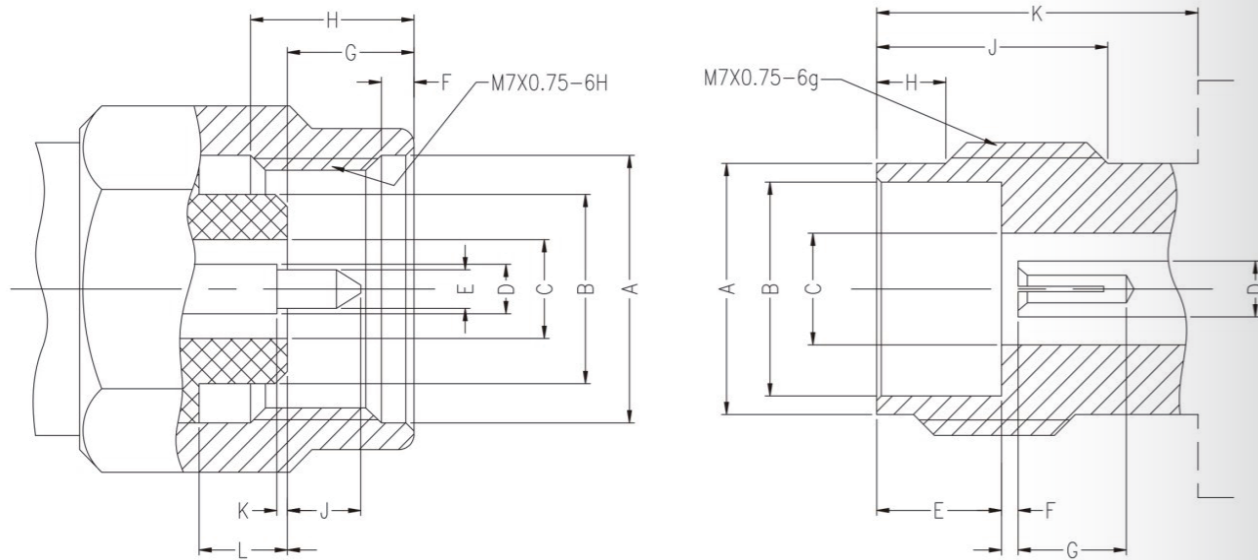
1.85mm Series

1.85mm Series

## 2.4mm Series Connector

### 2.4mm Series

Superlink 2.4mm microwave RF connector was developed and applied to 50GHz high frequency communication. Different from SMA and 2.92mm, 2.4mm adopts thick-walled outer conductor design to ensure stronger connection reliability. It is widely used in modern precision measurement and testing fields and various millimeter wave communication equipment.



#### Male

Label	Minimum	Max
A	7.01	7.11
B	4.725	4.75
C	2.395	2.405
D	1.038	1.046
E	0.506	0.516
F	0.51	0.77
G	1.85	2.45
H	4.37	4.63
J	1.335	1.445
K	-	0.05
L	3.38	3.48

#### Female

Label	Minimum	Max
A	5.79	5.89
B	4.77	4.795
C	2.395	2.405
D	1.038	1.046
E	3.00	3.10
F	-	0.05
G	2.65	-
H	1.37	1.63
J	4.80	5.06
K	6.00	-

Note: unit mm  
Reference standard: IEEE Std 287-2007

## 2.4mm Series Connector

### 2.4mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-50 GHz
Operating Voltage	150 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 3.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.15 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 500 \text{ m}\Omega$
VSWR	$\leq 1.30$ (typical value)

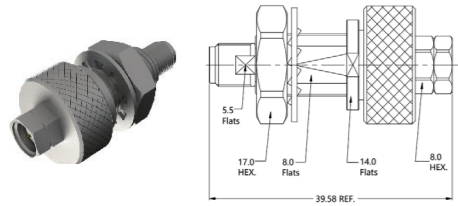
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel	Gold-plated, passivated
Inner conductor	Male head: brass	Gold
	Female head: beryllium copper	
Insulator	PEI, PEEK, TEFLON	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 14 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 3.2 \text{ ounces}$
Center pin pull-out force	$\geq 0.5 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

## 2.4mm Series Connector

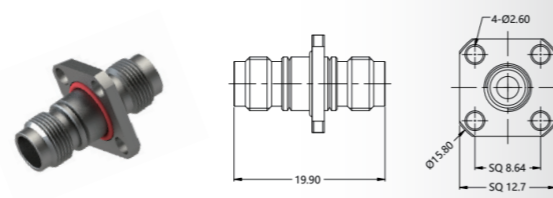
### 2.4mm Series

2.4mm female to 2.4mm male adapter



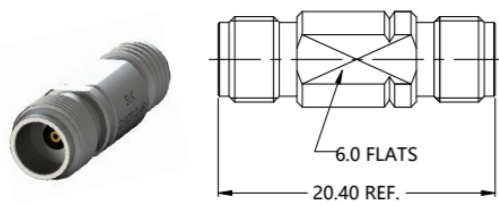
SLK P/N: T-5P4F06S-P4M-005  
Frequency: 50 GHZ

2.4mm female to 2.4mm female adapter



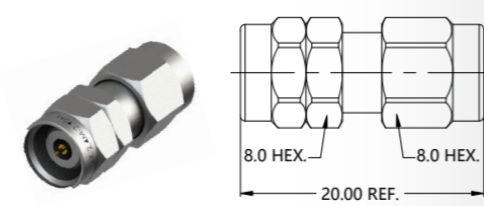
SLK P/N: 5P4F86S-P4F-001  
Frequency: 50 GHZ

2.4mm female to 2.92mm female adapter



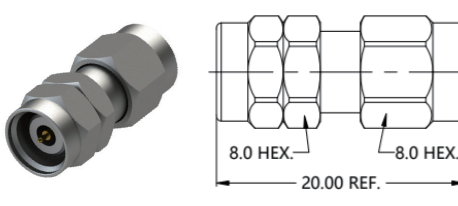
SLK P/N: T-5P4F06S-P9F-006  
Frequency: 40 GHZ

2.4mm male to 2.92mm male adapter



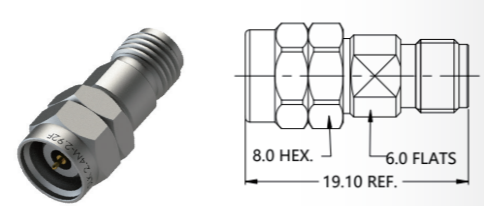
SLK P/N: T-5P4M06S-P9M-003  
Frequency: 40 GHZ

2.4mm male to 2.92mm male adapter



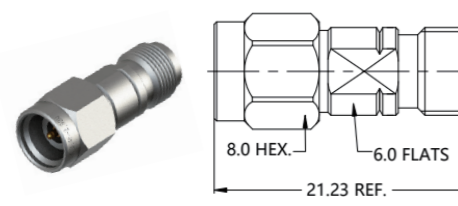
SLK P/N: T-5P4M06S-P9M-004  
Frequency: 40 GHZ

2.4mm male to 2.92mm female adapter



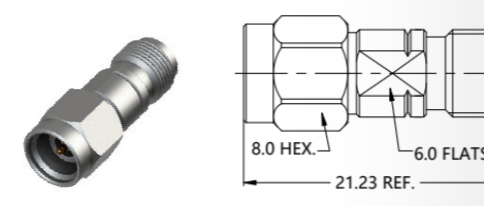
SLK P/N: T-5P4M06S-P9F-005  
Frequency: 40 GHZ

2.4mm female to 2.92mm male adapter



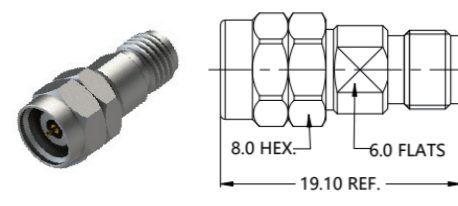
SLK P/N: T-5P4F06S-P9M-007  
Frequency: 40 GHZ

2.4mm female to 2.92mm male adapter



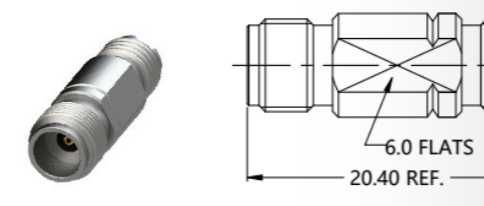
SLK P/N: T-5P4F06S-P9M-008  
Frequency: 40 GHZ

2.4mm male to 2.92mm female adapter



SLK P/N: T-5P4M06S-P9F-006  
Frequency: 40 GHZ

2.4mm female to 2.92mm female adapter

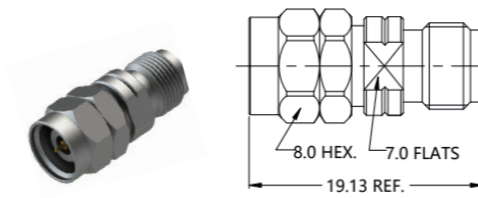


SLK P/N: T-5P4F06S-P9F-007  
Frequency: 40 GHZ

## 2.4mm Series Connector

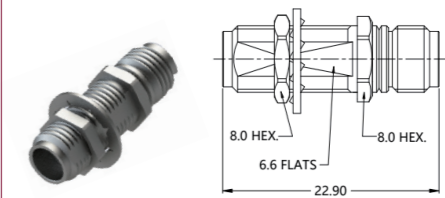
### 2.4mm Series

2.4mm female to 2.4mm male adapter



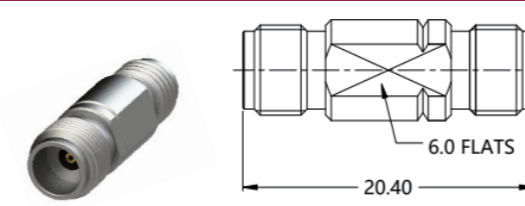
SLK P/N: T-5P4F06S-P4M-006  
Frequency: 40 Ghz

2.4mm female to 2.4mm female adapter



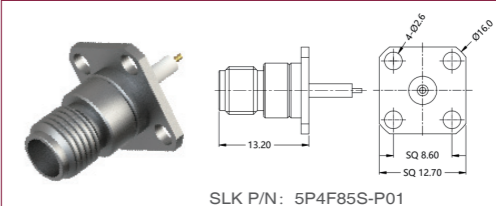
SLK P/N: 5P4F06S-P4F-004  
Frequency: 50 Ghz

2.4mm female to 2.92mm female adapter



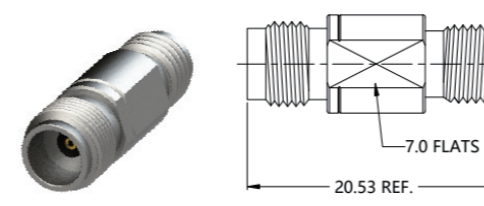
SLK P/N: 5P4F06S-P9F-002  
Frequency: 40 Ghz

2.4mm straight female connector



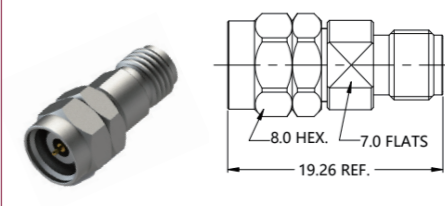
SLK P/N: 5P4F85S-P01  
Mounting: 4 hole flange  
Frequency: 50 Ghz

2.4mm female to 3.5mm female adapter



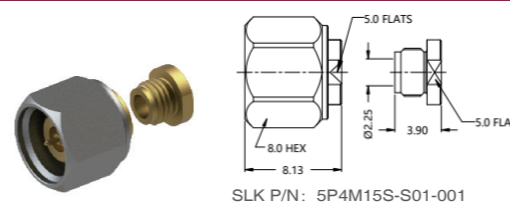
SLK P/N: 5P4F06S-P3F  
Frequency: 26.5 Ghz

2.4mm male to 3.5mm female adapter



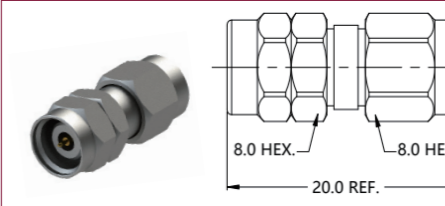
SLK P/N: 5P4M06S-P3F-003  
Frequency: 33 Ghz

2.4mm straight male connector



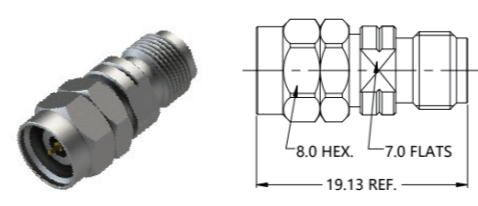
SLK P/N: 5P4M15S-S01-001  
Cable: SPO-220  
Frequency: 50 Ghz

2.4mm male to 2.92mm male adapter



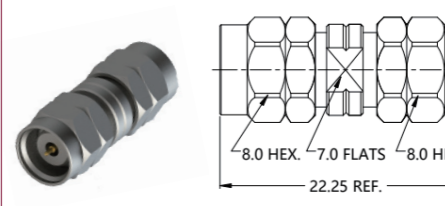
SLK P/N: 5P4M06S-P9M-001  
Frequency: 40 Ghz

2.4mm female to 2.4mm male adapter



SLK P/N: 5P4F06S-P4M-001  
Frequency: 50 Ghz

1.85mm male to 2.4mm male adapter



SLK P/N: T-5P1M06S-P4M-002  
Frequency: 50 Ghz

## 2.4mm Series Connector

### 2.4mm Series

**2.4mm straight male connector (Flexible cable solder type)**

SLK P/N: 5P4M15S-A82  
 Cable : TFlex-405  
 Frequency: 50GHz

**2.4mm straight male connector (semi-steel cable solder type)**

SLK P/N: 5P4M15S-A471-002  
 Cable : SPO-220  
 Frequency: 50 GHz

**2.4mm straight male connector (Flexible cable solder type)**

SLK P/N: 5P4M11S-A646  
 Cable : TNEND-250-L  
 Frequency: 50 GHz

**2.4mm straight female connector (semi-steel cable solder type)**

SLK P/N: 5P4F35S-A471  
 Cable : SPO-220  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: 5P4F88S-H41  
 Mounting: 4 hole flange  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: 5P4F85S-P01  
 Mounting: 4 hole flange  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: 5P4F85S-H21-002  
 Mounting: 2 hole flange  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: 5P4F85S-H21  
 Mounting: 2 hole flange  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: 5P4F80S-H21-001  
 Mounting: 2 hole flange  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: 5P4F25S-H21  
 Mounting: 2 hole flange  
 Frequency: 50 GHz

## 2.4mm Series Connector

### 2.4mm Series

**2.4mm straight male connector (semi-steel cable solder type)**

SLK P/N: 5P4M15S-S01  
 Cable : SPO-220  
 Frequency: 40 GHz

**2.4mm straight male connector (Flexible cable solder type)**

SLK P/N: 5P4M15S-A436-001  
 Cable : SLB-330-P  
 Frequency: 40 GHz

**2.4mm straight male connector (Flexible cable solder type)**

SLK P/N: 5P4M15S-A470-005  
 Cable : SPB-360  
 Frequency: 40 GHz

**2.4mm straight male connector (Flexible cable solder type)**

SLK P/N: 5P4M11S-A646  
 Cable : TBEND-250-L  
 Frequency: 50 GHz

**2.4mm straight female connector (PCB connector)**

SLK P/N: T-5P4F80S-H41  
 Mounting: PCB end-launch  
 Frequency: 50 GHz

2.4mm Series

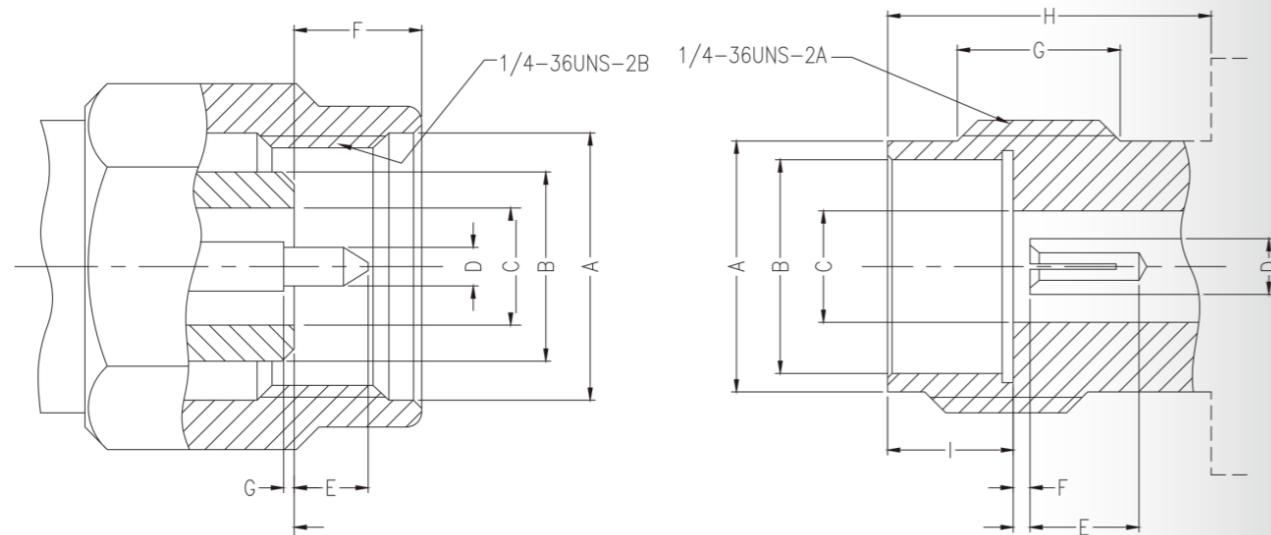
## 2.92mm Series Connector

### 2.92mm Series

Superlink 2.92mm long type microwave RF connector was developed and applied to 40GHz high frequency communication.

The 2.92mm connector uses a thick-walled outer conductor design to ensure stronger connection reliability.

The male pin uses a short pin design (compared to standard SMA) to avoid excessive wear of compatible connectors.



#### Male

Label	Minimum	Max
A	6.38	6.73
B	4.547	4.577
C	2.915	2.925
D	0.906	0.922
E	1.39	1.65
F	2.36	3.56
G	0.00	0.05

#### Female

Label	Minimum	Max
A	5.28	5.46
B	4.597	4.628
C	2.915	2.925
D	1.265	1.275
E	2.79	-
F	0.00	0.05
G	3.35	4.62
H	5.54	-
I	1.88	1.98

Note: unit mm

Reference standard: IEEE Std 287-2007

## 2.92mm Series Connector

### 2.92mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-40 GHz
Operating Voltage	325 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 0.75 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.13 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

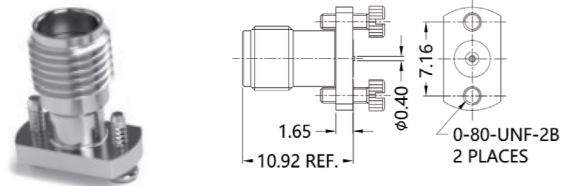
Material/Plating		
Part Name	Stainless steel, brass	Coating
Main body, hardware accessories	Male head: brass, beryllium copper	Gold-plated, passivated
Inner conductor	Female head: beryllium copper,	Gold
	phosphor bronze	
Insulator	PEI, PEEK, TEFLON	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 1 \text{ ounces}$
Center pin pull-out force	$\geq 1.4 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	2000 times

## 2.92mm Series Connector

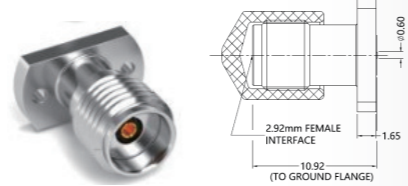
### 2.92mm Series

#### 2.92mm straight female connector (PCB connector)



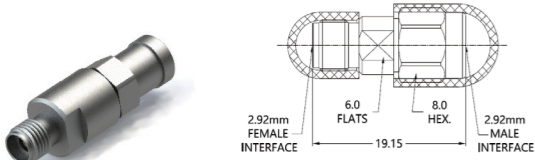
SLK P/N: 5P9F84S-H01-001  
Frequency: 40GHz

#### 2.92mm straight female connector (PCB connector)



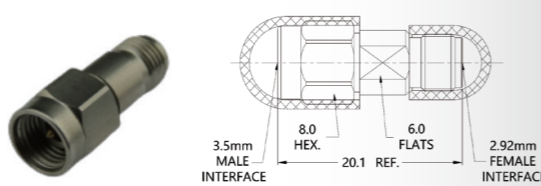
SLK P/N: 5P9F84S-H21  
Frequency: 40 Ghz

#### 2.92mm straight female connector



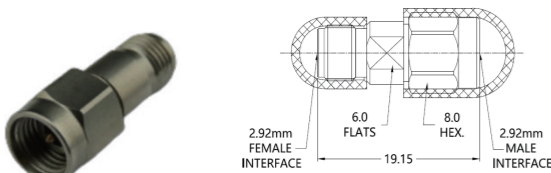
SLK P/N: 5P9F15S-A87  
Cable : SFT-142  
Frequency: 26.5 GHz

#### 2.92mm female to 3.5mm male adapter



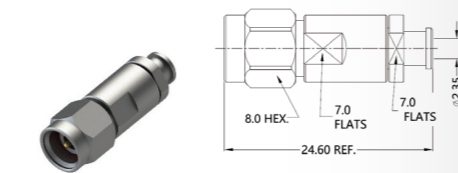
SLK P/N: 5P9F06S-P3M  
Frequency: 26.5 Ghz

#### 2.92 female to 2.92mm male adapter



SLK P/N: 5P9F06S-P9M  
Frequency: 40 Ghz

#### 2.92mm straight male connector

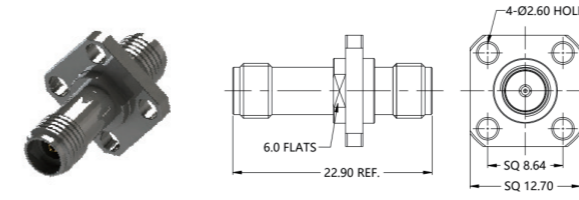


SLK P/N: 5P9M15S-A570  
Cable : HF-090  
Frequency: 40 Ghz

## 2.92mm Series Connector

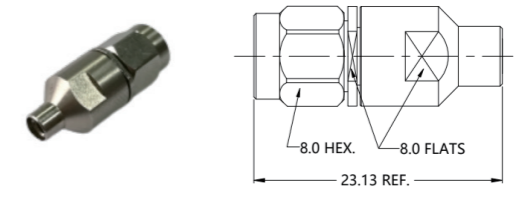
### 2.92mm Series

#### 2.92mm female to 2.92 male adapter



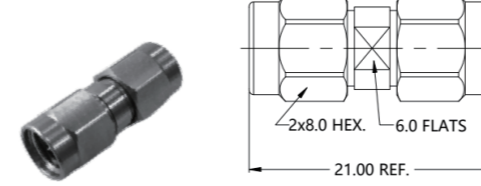
SLK P/N: 5P9F86S-P9F-002  
Frequency: 40 Ghz

#### 2.92mm male to SSMP male adapter



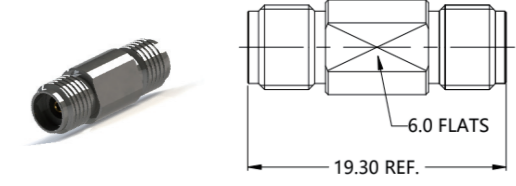
SLK P/N: 5P9M06S-MPM  
Frequency: 40 Ghz

#### 2.92mm male to 2.92mm male adapter



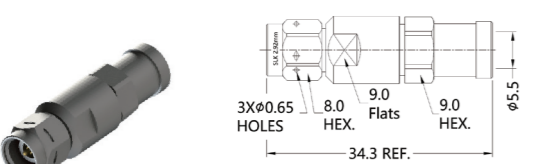
SLK P/N: 5P9M06S-P9M-005  
Frequency: 40 Ghz

#### 2.92mm female to 2.92mm female adapter



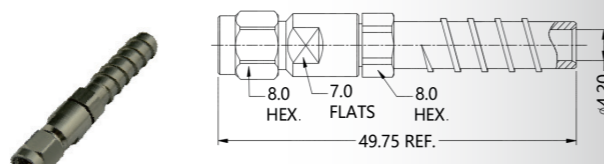
SLK P/N: T-5P9F06S-P9F-013  
Frequency: 40 Ghz

#### 2.92mm straight male connector



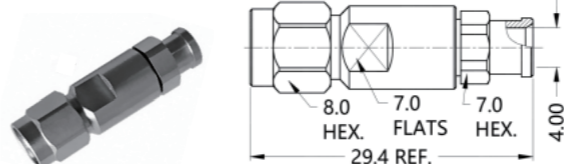
SLK P/N: 5P9M15S-A457-001  
Cable : SPB-500  
Frequency: 26.5 GHz

#### 2.92mm straight male connector



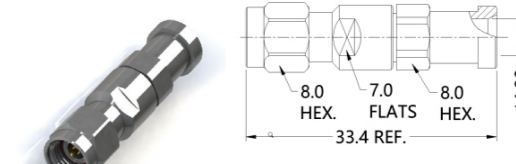
SLK P/N: 5P9M15S-A436-001  
Cable : SPB-330-P  
Frequency: 40 Ghz

#### 2.92mm straight male connector



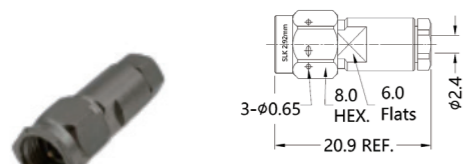
SLK P/N: 5P9M15S-A542  
Cable : S bend-360  
Frequency: 40 Ghz

#### 2.92mm straight male connector



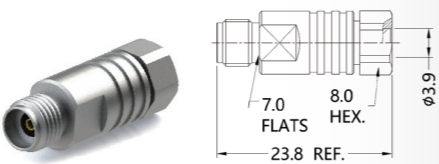
SLK P/N: 5P9M15S-A87-004  
Cable : SFT-142  
Frequency: 40 Ghz

#### 2.92mm straight male connector



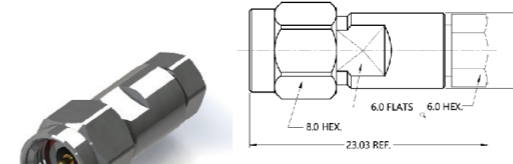
SLK P/N: 5P9M15S-A471-001  
Cable : SLD-086  
Frequency: 40 Ghz

#### 2.92mm straight female connector



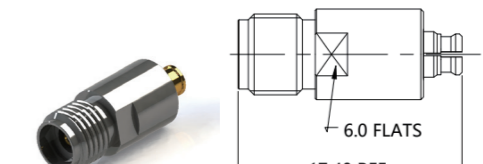
SLK P/N: 5P9F15S-A436-005  
Cable : SPB-330-P  
Frequency: 40 Ghz

#### 2.92mm straight male connector



SLK P/N: 5P9M15S-A82-003  
Cable : TFLEX-405, N bend-260  
Frequency: 40 Ghz

#### 2.92 female to SPM female adapter

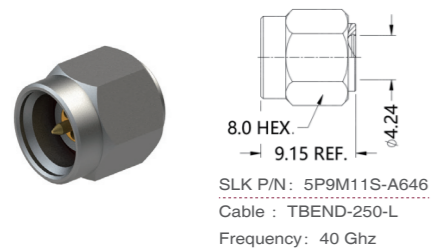


SLK P/N: T-5P9F06S-SPF-004  
Frequency: 40 Ghz

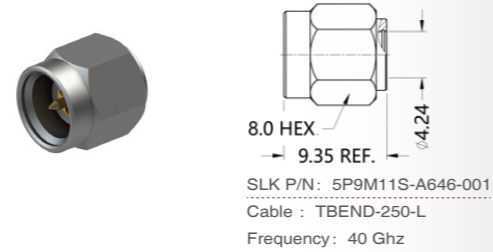
## 2.92mm Series Connector

### 2.92mm Series

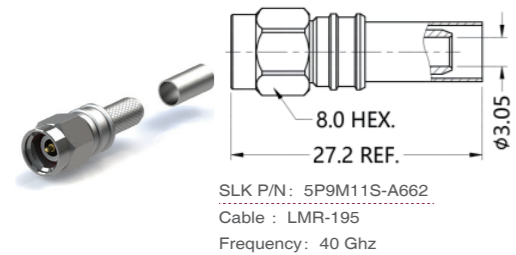
2.92mm straight male connector (Flexible cable solder type)



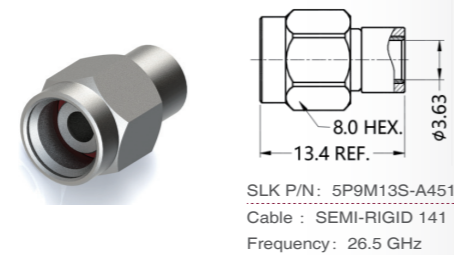
2.92mm straight male connector (Flexible cable solder type)



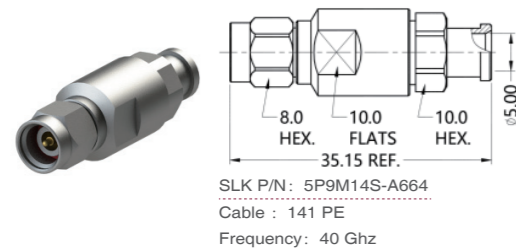
2.92mm straight male connector (Flexible cable crimping type)



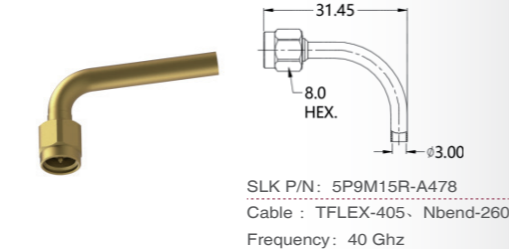
2.92mm straight male connector(semi-steel cable solder type)



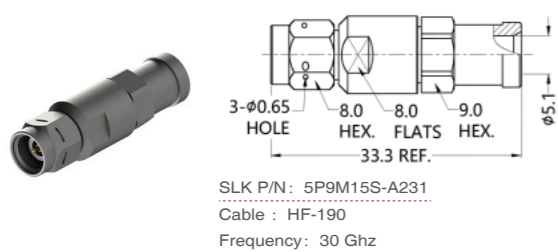
2.92mm straight male connector (Flexible cable solder type)



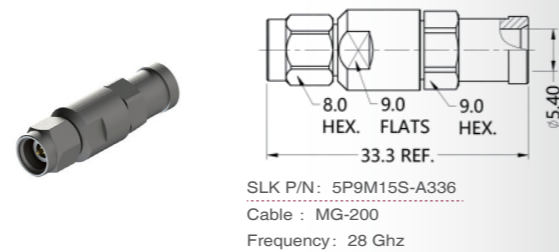
2.92mm right angle male connector(Flexible cable solder type)



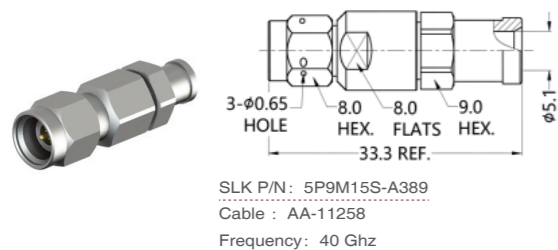
2.92mm straight male connector (Flexible cable solder type)



2.92mm straight male connector(semi-steel cable solder type)



2.92mm straight male connector (Flexible cable solder type)



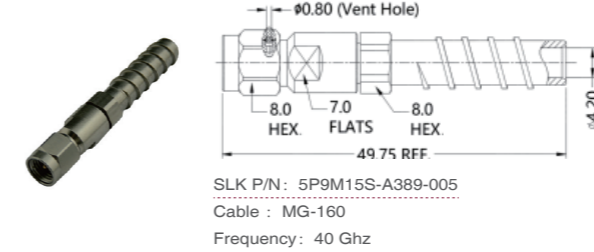
2.92mm straight male connector (Flexible cable solder type)



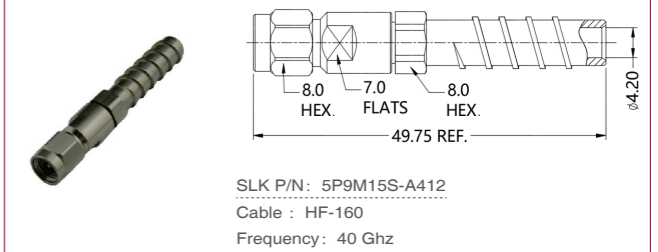
## 2.92mm Series Connector

### 2.92mm Series

2.92mm straight male connector (Flexible cable solder type)



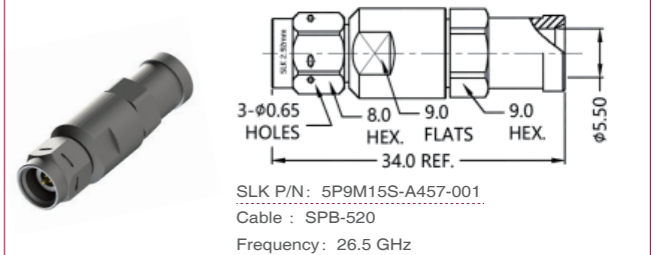
2.92mm straight male connector (Flexible cable solder type)



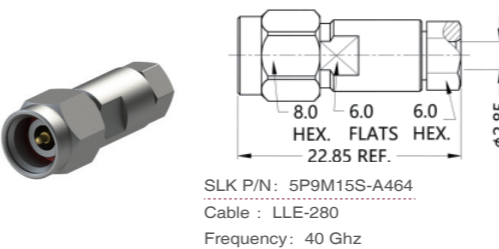
2.92mm straight male connector(semi-steel cable solder type)



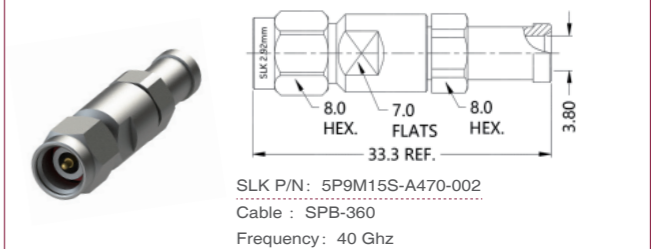
2.92mm straight male connector (Flexible cable solder type)



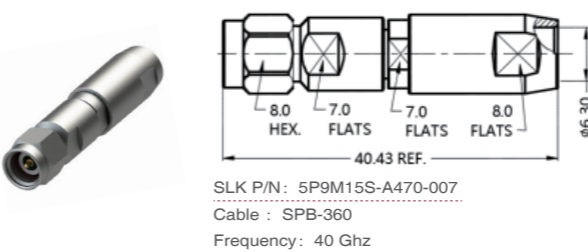
2.92mm straight male connector (Flexible cable solder type)



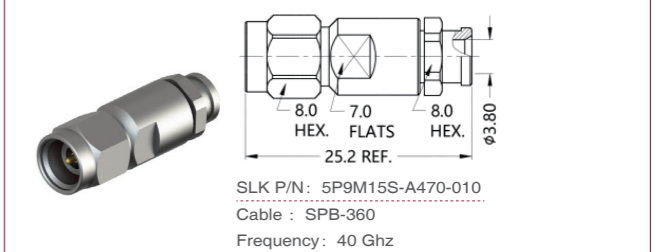
2.92mm straight male connector (Flexible cable solder type)



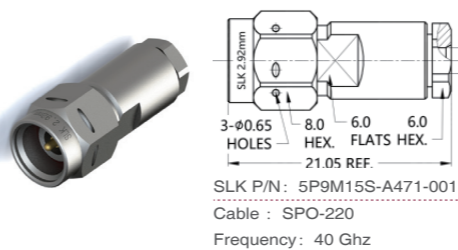
2.92mm straight male connector (Flexible cable solder type)



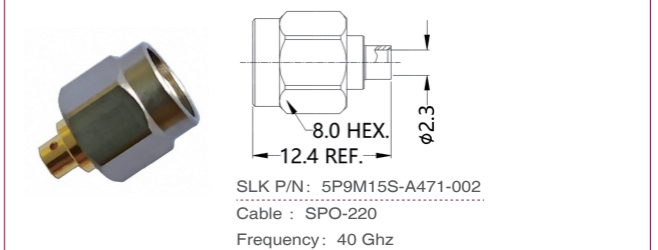
2.92mm straight male connector (Flexible cable solder type)



2.92mm straight male connector(semi-steel cable solder type)



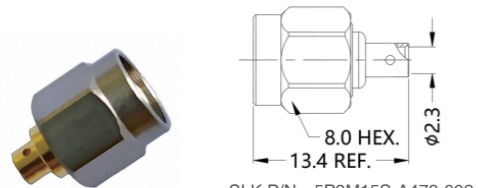
2.92mm straight male connector(semi-steel cable solder type)



## 2.92mm Series Connector

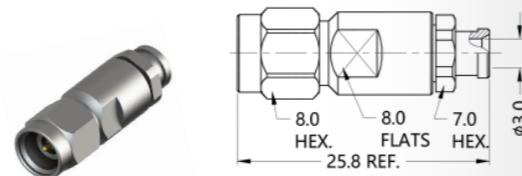
### 2.92mm Series

2.92mm straight male connector (Flexible cable solder type)



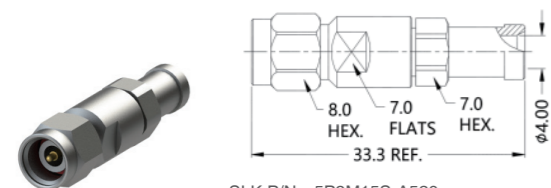
SLK P/N: 5P9M15S-A478-002  
Cable : TFLEX-405  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



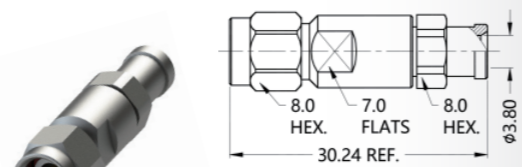
SLK P/N: 5P9M15S-A503  
Cable : FHC-500  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



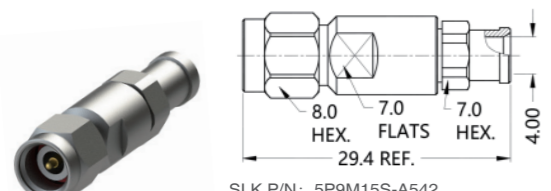
SLK P/N: 5P9M15S-A520  
Cable : PT-150  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



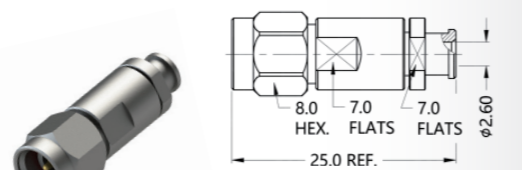
SLK P/N: 5P9M15S-A531  
Cable : SPB-360B  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



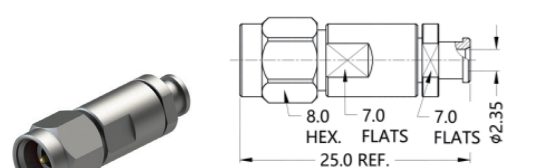
SLK P/N: 5P9M15S-A542  
Cable : SBEND-360  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



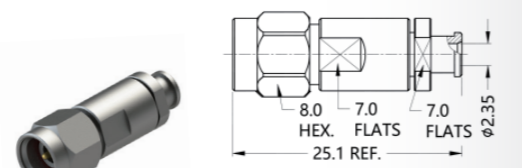
SLK P/N: 5P9M15S-A552-003  
Cable : SPB-230  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



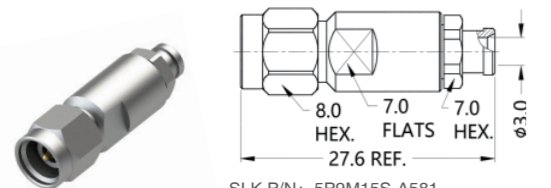
SLK P/N: 5P9M15S-A570  
Cable : HF-090  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



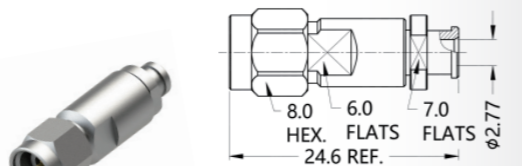
SLK P/N: 5P9M15S-A570-001  
Cable : HF-090  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



SLK P/N: 5P9M15S-A581  
Cable : CS-33G  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

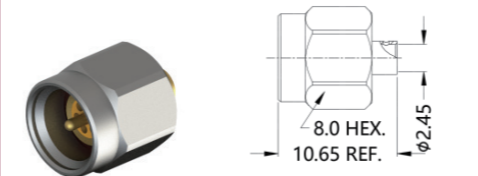


SLK P/N: 5P9M15S-A638  
Cable : Tband-260  
Frequency: 40 Ghz

## 2.92mm Series Connector

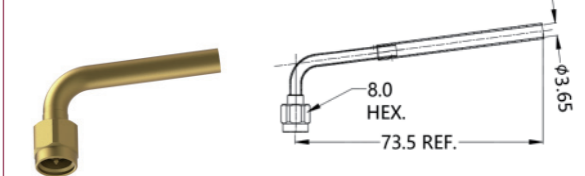
### 2.92mm Series

2.92mm straight male connector (Flexible cable solder type)



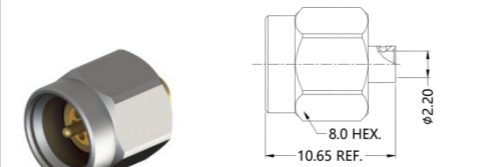
SLK P/N: 5P9M15S-A638-001  
Cable : Tband-260  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



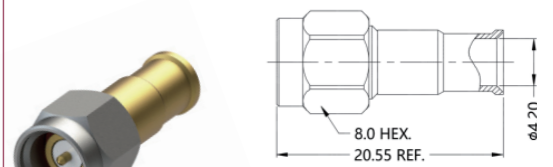
SLK P/N: 5P9M15S-A647  
Cable : HF-160E  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



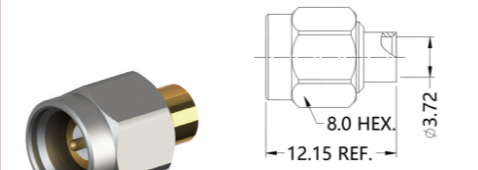
SLK P/N: 5P9M15S-A663  
Cable : Sband-260  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



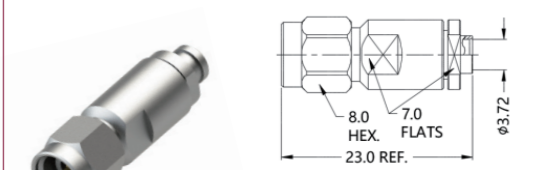
SLK P/N: 5P9M15S-A81  
Cable : Tflex-402, Nband-400  
Frequency: 26.5 GHz

2.92mm straight male connector (Semi-flexible cable solder type)



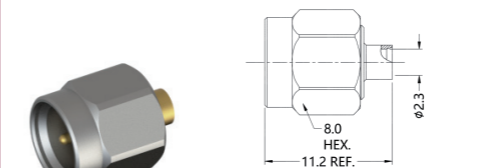
SLK P/N: 5P9M15S-A81-002  
Cable : 141 CABL  
Frequency: 40 Ghz

2.92mm straight male connector (Semi-flexible cable solder type)



SLK P/N: 5P9M15S-A81-006  
Cable : 141 CABLE  
Frequency: 26.5 GHz

2.92mm straight male connector (Flexible cable solder type)



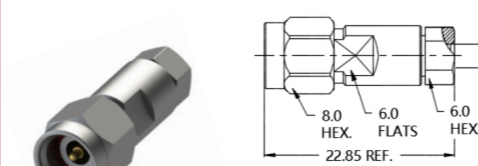
SLK P/N: 5P9M15S-A82  
Cable : TFLEX-405, Nband-260  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



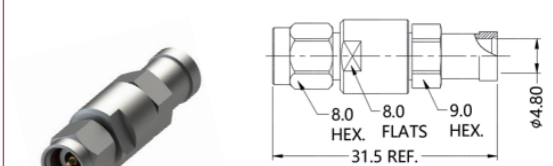
SLK P/N: 5P9M15S-A82-002  
Cable : TFLEX-405, Nband-260  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



SLK P/N: 5P9M15S-A82-003  
Cable : TFLEX-405, Nband-260  
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)



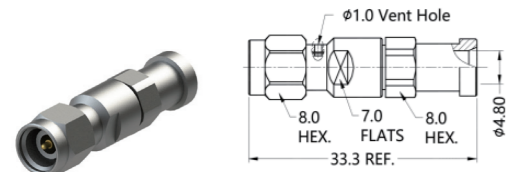
SLK P/N: 5P9M15S-A87  
Cable : SFT-142  
Frequency: 26.5 GHz



## 2.92mm Series Connector

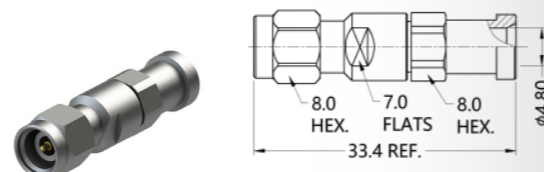
### 2.92mm Series

2.92mm straight male connector (Flexible cable solder type)



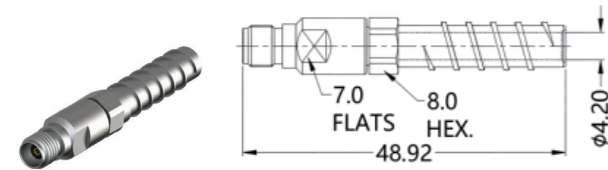
SLK P/N: 5P9M15S-A87-003  
Cable : SFT-142  
Frequency: 35 Ghz

2.92mm straight male connector (Flexible cable solder type)



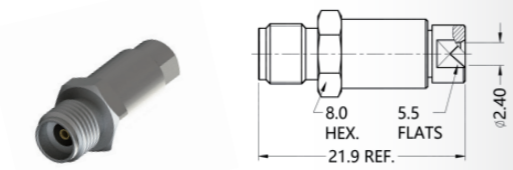
SLK P/N: 5P9M15S-A87-004  
Cable : SFT-142  
Frequency: 35 Ghz

2.92mm straight female connector (Flexible cable solder type)



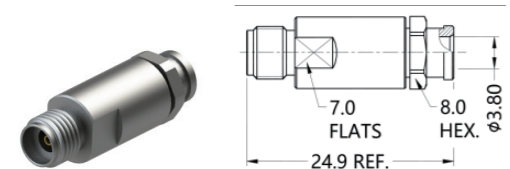
SLK P/N: 5P9F15S-A389  
Cable : MG-160  
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)



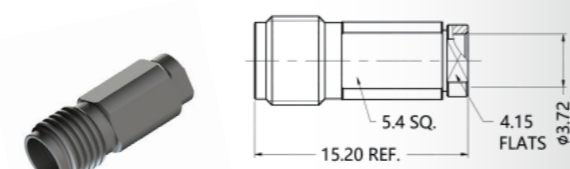
SLK P/N: 5P9F15S-A461  
Cable : CXN3506, SPB-220  
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)



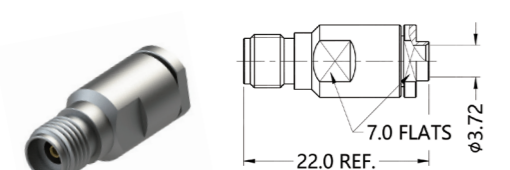
SLK P/N: 5P9F15S-A470-002  
Cable : SPB-360  
Frequency: 40 Ghz

2.92mm straight female connector (semi-flexible cable solder type)



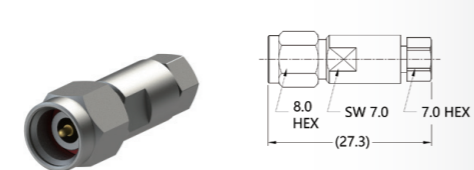
SLK P/N: 5P9F15S-A651-001  
Cable : 141 CABLE  
Frequency: 26.5 Ghz

2.92mm straight female connector (semi-flexible cable solder type)



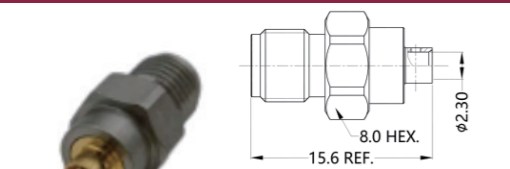
SLK P/N: 5P9F15S-A81-004  
Cable : 141 CABLE  
Frequency: 26.5 Ghz

2.92mm straight male connector (Flexible cable solder type)



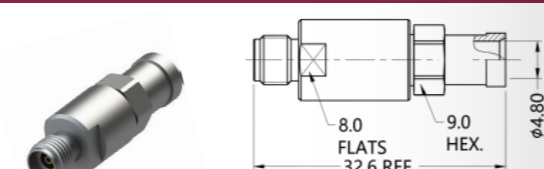
SLK P/N: 5P9M15S-A82-002  
Cable : TFLEX-405, Nband-260  
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)



SLK P/N: 5P9F15S-A82  
Cable : TFLEX-405, Nband-260  
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)

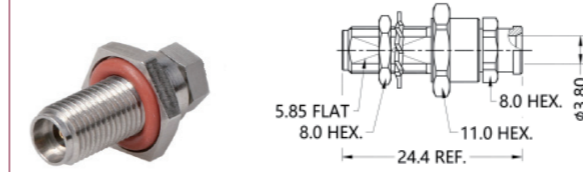


SLK P/N: 5P9F15S-A87  
Cable : SFT-142  
Frequency: 26.5 Ghz

## 2.92mm Series Connector

### 2.92mm Series

2.92mm straight female connector (Flexible cable solder type)



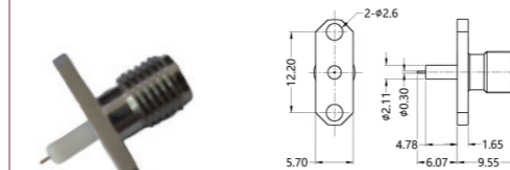
SLK P/N: 5P9F35S-A470-001  
Cable : SPB-360  
Frequency: 40 Ghz

2.92mm straight female connector (semi-steel cable solder type)



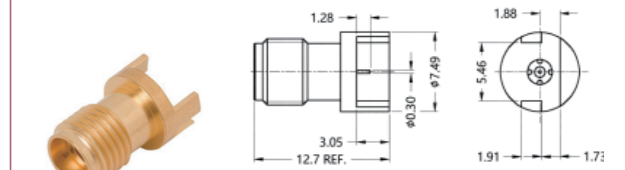
SLK P/N: 5P9F35S-A471  
Cable : SPO-220,086" cable  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



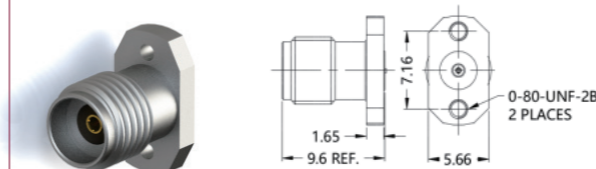
SLK P/N: 5P9F85S-H21-002  
Mounting: 2 hole flange  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



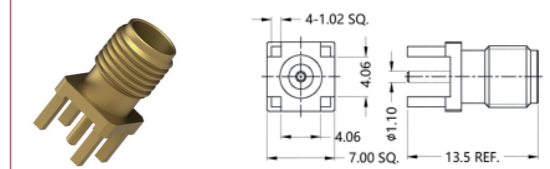
SLK P/N: 5P9F28S-P31  
Mounting: PCB end-launch  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



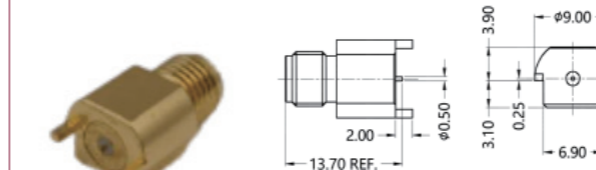
SLK P/N: 5P9F25S-H21  
Mounting: 2 hole flange  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



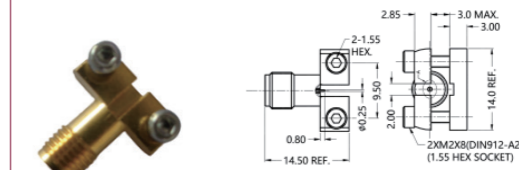
SLK P/N: 5P9F25S-P41-001  
Mounting: PCB through hole  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



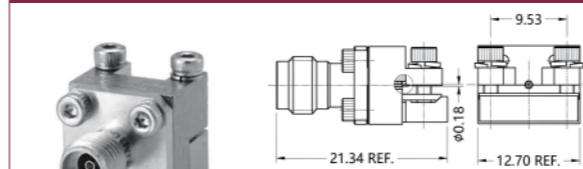
SLK P/N: 5P9F28S-P21  
Mounting: PCB end-launch  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



SLK P/N: 5P9F28S-P21-003  
Mounting: PCB end-launch  
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)

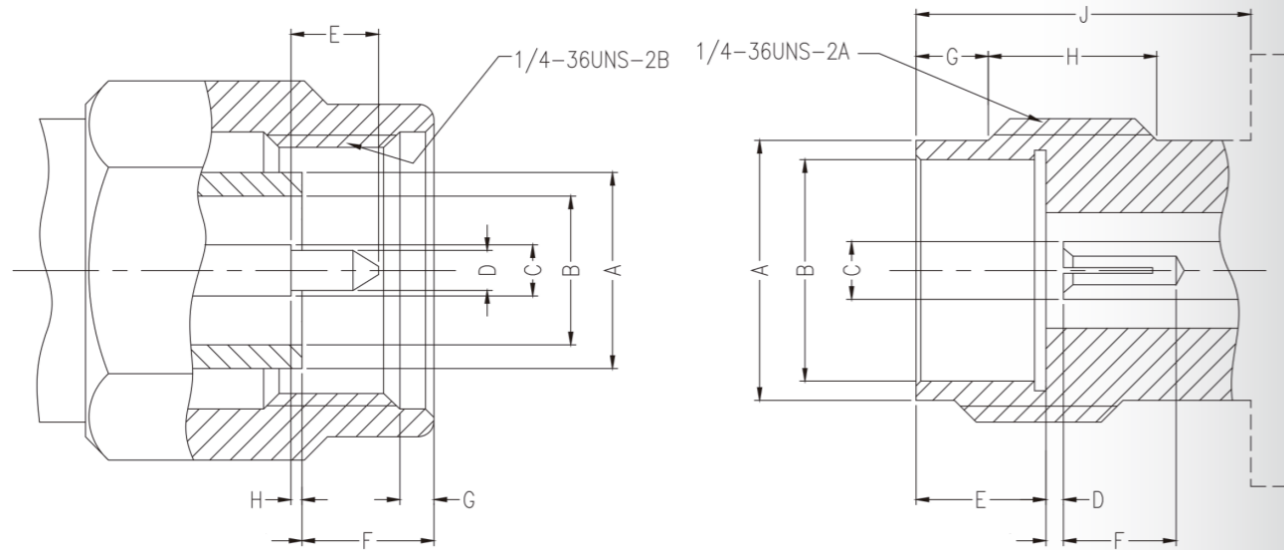


SLK P/N: T-5P9F80S-H41-002  
Mounting: PCB end-launch  
Frequency: 40 Ghz

## 3.5mm Series Connector

### 3.5mm Series

Superlink 3.5mm microwave RF connector adopts air-to-air interface medium and uses a frequency of 33 GHz. It has the characteristics of low return loss, low insertion loss, and high reliability. It is widely used in modern precision measurement and testing fields and various millimeters.



#### Male

Label	Minimum	Max
A	4.547	4.577
B	3.495	3.505
C	1.515	1.525
D	0.919	0.935
E	2.03	2.29
F	2.36	3.56
G	0.38	1.14
H	0.00	0.05

#### Female

Label	Minimum	Max
A	5.28	5.46
B	4.597	4.628
C	1.515	1.525
D	0.00	0.05
E	1.88	1.98
F	2.79	-
G	0.38	1.14
H	3.35	4.62
I	5.54	-

Note: unit mm  
Reference standard: IEEE Std 287-2007

## 3.5mm Series Connector

### 3.5mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-33 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 0.75 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.13 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

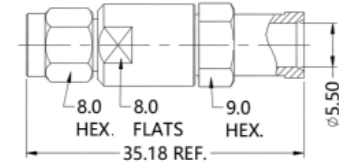
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Gold-plated, passivated
Inner conductor	Male head: brass, beryllium copper	Gold
	Female head: beryllium copper, phosphor bronze	
Insulator	PEI, PEEK, TEFLON	N/A
Washer	Stainless steel, brass	Gold-plated, passivated

Mechanical behavior	
Nut pall	$\geq 100 \text{ lbs}$
Thread tension	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 1.3 \text{ ounces}$
Center pin pull-out force	$\geq 2 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	3000 times

## 3.5mm Series Connector

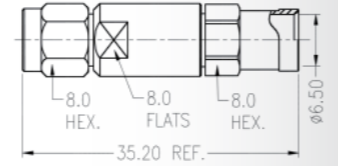
### 3.5mm Series

#### 3.5mm straight male connector (Flexible cable solder type)



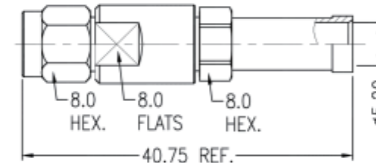
Slk Part Number: 5P3M15S-A233  
Cable : SFT-205  
Frequency : 26.5 GHz

#### 3.5mm straight male connector (Flexible cable solder type)



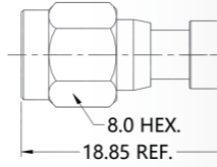
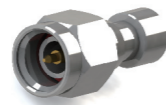
Slk Part Number: 5P3M15S-A408  
Cable : SFT-205-PUR  
Frequency : 26.5 GHz

#### 3.5mm straight male connector (Flexible cable solder type)



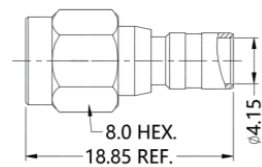
SLK P/N: 5P3M15S-A643  
Cable : SFT-142S-PUR  
Frequency : 26.5 GHz

#### 3.5mm straight male connector (Semi-flexible cable solder type)



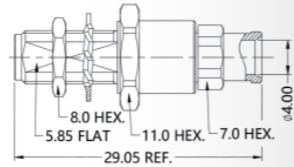
SLK P/N: 5P3M13S-A472  
Cable : 141 CABLE  
Frequency : 26.5 GHz

#### 3.5mm straight male connector (Flexible cable solder type)



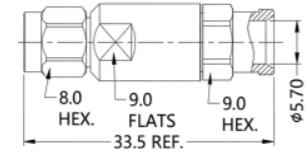
SLK P/N: 5P3M15S-A09-001  
Cable : RG142  
Frequency : 18 GHz

#### 3.5mm straight female connector (Flexible cable solder type)



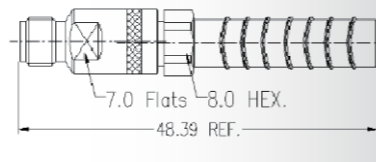
SLK P/N: 5P3F35S-A542-001  
Cable : SLE-360  
Frequency : 26.5 GHz

#### 3.5mm straight male connector (Flexible cable solder type)



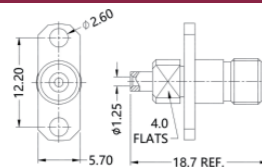
SLK P/N: 5P3M15S-A587  
Cable : SPB-540  
Frequency : 26.5 GHz

#### 3.5mm straight female connector (Flexible cable solder type)



SLK P/N: 5P3F15S-A436  
Cable : SPB-330-P  
Frequency : 26.5 GHz

#### 3.5mm straight female connector (Semi-steel cable solder type)



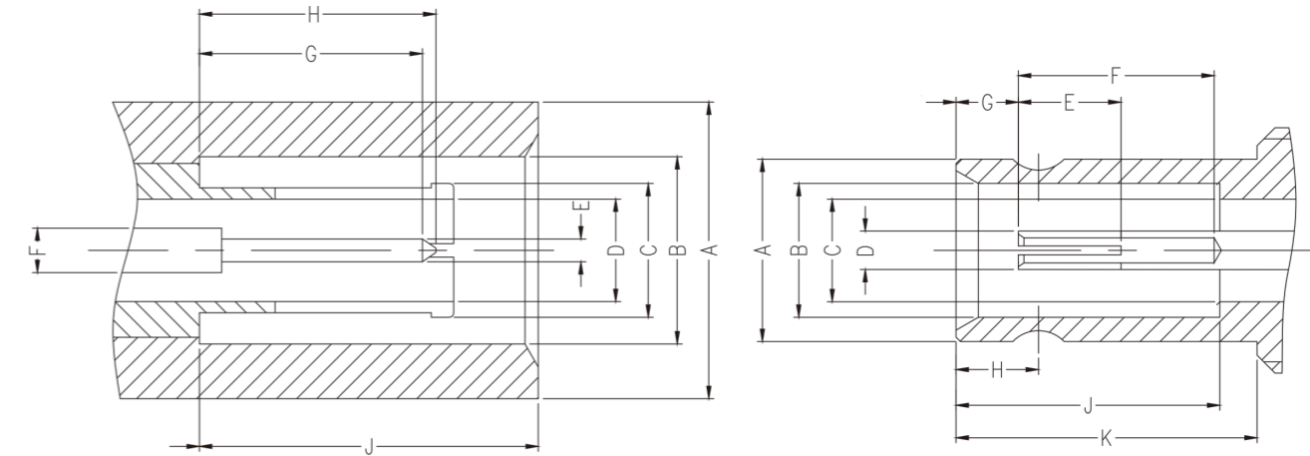
SLK P/N: 5P3F15S-S04  
Cable : 047  
Frequency : 20 GHz

## 1.0/2.3 Series Connector

### 1.0/2.3 Series

Superlink 1.0/2.3 RF coaxial connector is designed according to the German standard DIN 41626/2 (D-type connector), and is suitable for inserting mixed-design connectors (DIN 41626 M-type).

This plug adopts a sliding connection method to ensure quick connection and high reusability.



#### Male

Label	Minimum	Max
A	-	7.30
B	4.14	4.20
C	Note 1	
D	2.30 (regular value)	
E	0.475	0.52
F	1.00 (regular value)	
G	4.50	-
H	-	5.50
J	7.50	7.60

#### Female

Label	Minimum	Max
A	4.03	4.14
B	3.00	3.06
C	2.30 (regular value)	
D	1.00 (regular value)	
E	2.40 (regular value)	
F	4.50	-
G	1.15	1.75
H	1.80	1.90
J	5.80	5.90
K	6.40	6.50

Note: unit mm

The size of the matching female head meets the corresponding mechanical and electrical properties.

Reference standard: IEC60169-29

# 1.0/2.3 Series Connector

## 1.0/2.3 SERIES

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-10 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 4.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.5 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Gold-plated, passivated
Inner conductor	Male head: brass, beryllium copper	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female pullout force	$\geq 2.5$ ouncec(slide-in structure)
Center pin pullout force	$\geq 0.7$ ounce
Center pin retention	$\geq 2.25$ lbs
Durability	500 times

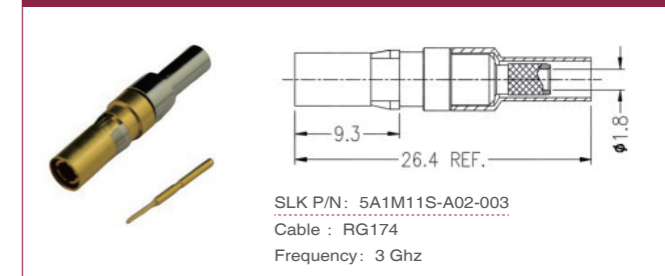
# 1.0/2.3 Series Connector

## 1.0/2.3 Series

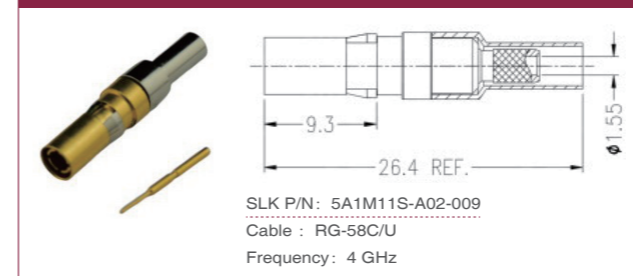
1.0/2.3 straight male connector (Flexible cable solder type)



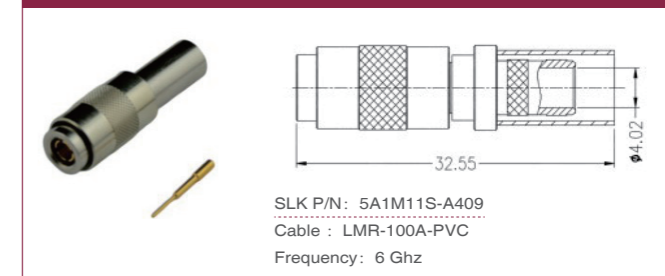
1.0/2.3 straight male connector (Flexible cable solder type)



1.0/2.3 straight male connector (Flexible cable solder type)



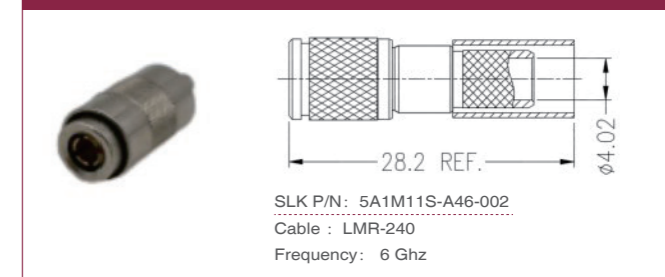
1.0/2.3 straight male connector (Flexible cable solder type)



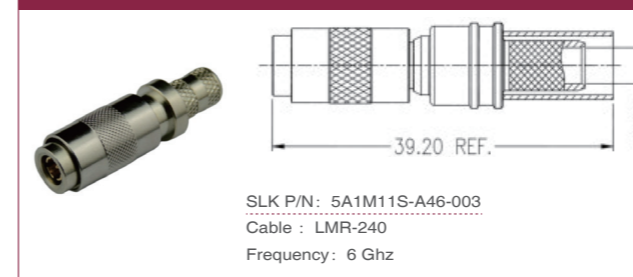
1.0/2.3 straight male connector (Flexible cable crimping type)



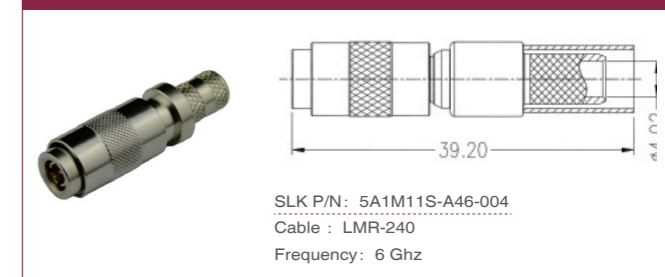
1.0/2.3 straight male connector (Flexible cable solder type)



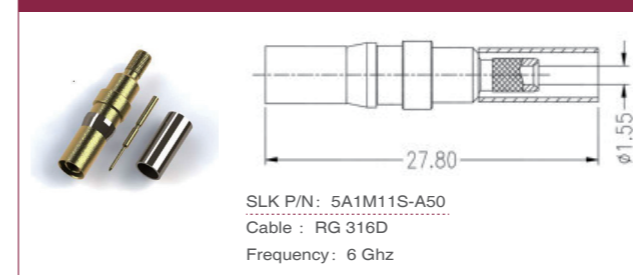
1.0/2.3 straight male connector (Flexible cable solder type)



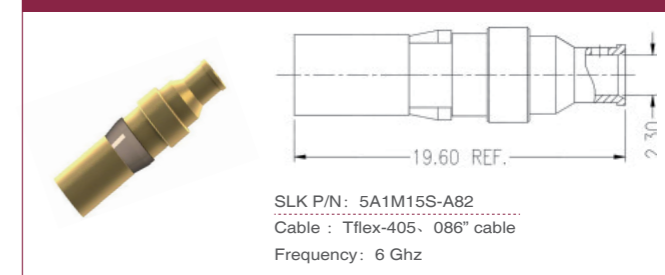
1.0/2.3 straight male connector (Flexible cable solder type)



1.0/2.3 straight male connector (Flexible cable crimping type)



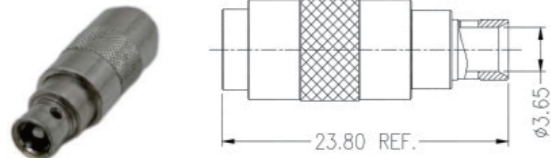
1.0/2.3 straight male connector (Flexible cable solder type)



## 1.0/2.3 Series Connector

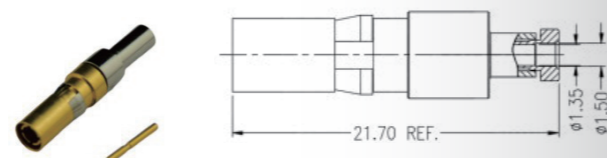
### 1.0/2.3 Series

1.0/2.3 straight male connector (Flexible cable solder type)



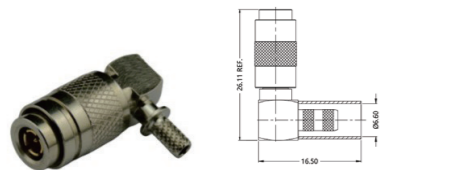
SLK P/N: 5A1M15S-S02-003  
Cable : TFT-402- 141 CABLE  
Frequency: 6 Ghz

1.0/2.3 straight male connector (Flexible cable solder type)



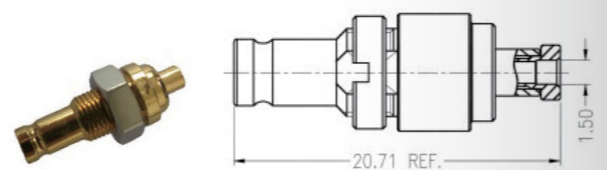
SLK P/N: 5A1M15S-S04  
Cable : RG-047  
Frequency: 8 Ghz

1.0/2.3 straight male connector (Flexible cable crimping type)



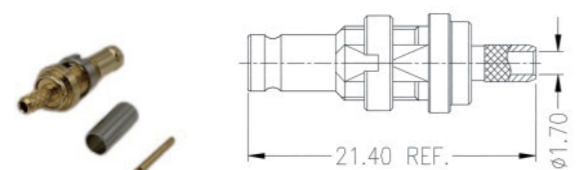
SLK P/N: 5A1M11R-A46-001  
Cable : SLR240  
Frequency: 3 Ghz

1.0/2.3 straight female connector (Flexible cable crimping type)



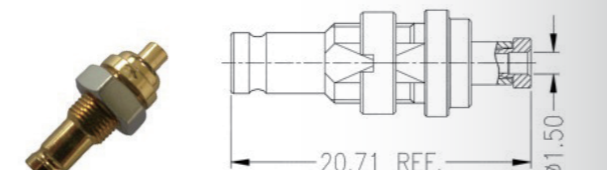
SLK P/N: 5A1F15S-A72-001  
Cable : OD 1.37- RF1.37  
Frequency: 4 Ghz

1.0/2.3 straight female connector (Flexible cable crimping type)



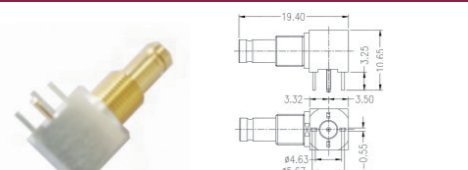
SLK P/N: 5A1F31S-A02-004  
Cable : RG316  
Frequency: 4 Ghz

1.0/2.3 straight female connector (Flexible cable crimping type)



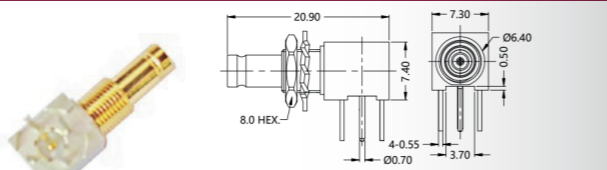
SLK P/N: 5A1F15S-A72  
Cable : OD 1.37- RF1.37  
Frequency: 4 Ghz

1.0/2.3 right angle female connector (PCB connector)



SLK P/N: 5A1F25R-P41-004  
Cable : PCB through hole  
Frequency: 6 Ghz

1.0/2.3 right angle female connector (PCB connector)



SLK P/N: 5A1F25R-P41-007  
Cable : PCB through hole  
Frequency: 6 Ghz

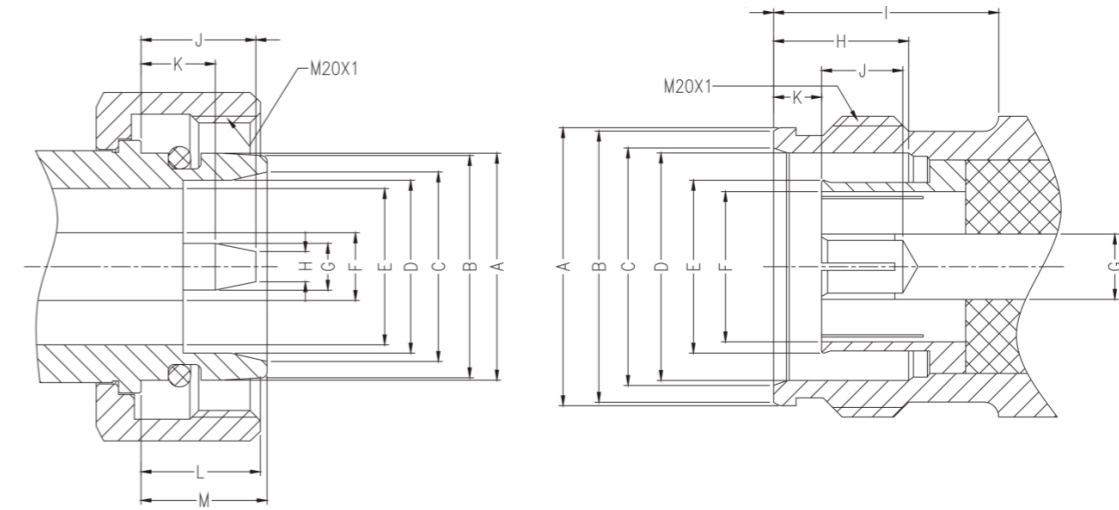
## 4.3/10 Series Connector

### 4.3/10 Series

The 4.3/10 series RF coaxial connectors have smaller and lighter structure characteristics than DIN connectors, and provide lower intermodulation electrical performance.

The connector uses the electrical and mechanical structure plane separation technology, which makes the connection torque smaller and convenient to install.

It is widely used in base stations, distributed antenna systems, indoor base station antenna equipment, etc.



#### Male

Label	Minimum	Max
Label	Minimum	Max
A	15.07	15.11
B	14.70	14.80
C	12.50	-
D	11.47	11, 53
E	10.00 (regular value)	
F	4.35 (regular value)	
G	3.07	3.13
H	-	2.30
J	-	8.00
K	5.00	-
L	8.00	8.58
M	8.30	8.58

#### Female

Label	Minimum	Max
Label	Minimum	Max
A	18.44	18.50
B	17.90	18.10
C	15.70	15.90
D	15.13	15.19
E	-	12.30
F	9.80	10.20
G	4.35 (regular value)	
H	8.50	-
I	13.90	14.10
J	5.00	-
K	3.10	3.12

Note: unit mm

Reference standard: IEC61169-54

## 4.3/10 Series Connector

### 4.3/10 Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-12 GHz
Operating Voltage	1000 V(RMS)
Medium pressure	2500 V(RMS)-interface
Conductor resistance	Inner conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)
Intermodulation value (2X20W)	$<-166 \text{ dbc}$ (typical value of intermodulation products)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Gold-plated, passivated
Inner conductor	Male head: brass, beryllium copper	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread torque	$\geq 70 \text{ inch}\cdot\text{lbs}$
Thread torque	$\leq 4.5 \text{ lbs}$
Center pin pullout force	$\geq 0.35 \text{ lbs}$
Center pin retention	$\geq 6.75 \text{ lbs}$
Durability	500 times

## 4.3/10 Series Connector

### 4.3/10 Series

#### 4.3/10 straight male connector (Flexible cable crimping type)

SLK P/N: 5SDM11S-A11  
Cable : LMR400  
Frequency: 6 Ghz

#### 4.3/10 straight male connector (Flexible cable solder type)

SLK P/N: 5SDM15S-S02-001  
Cable : TFT-402-LF  
Frequency: 6 Ghz

#### 4.3/10 straight male connector (Flexible cable crimping type)

SLK P/N: 5SDM11S-A22  
Cable : LMR600  
Frequency: 6 Ghz

#### 4.3/10 straight female connector (Semi-flexible cable solder type)

SLK P/N: 5SDF15S-S01  
Cable : 086" cable  
Frequency: 6 Ghz

#### 4.3/10 straight male connector (Semi-flexible cable crimping type)

SLK P/N: 5SDM14S-A230  
Cable : TCOM-400  
Frequency: 6 Ghz

#### 4.3/10 straight female connector (Semi-flexible cable crimping type)

SLK P/N: 5SDF85S-P01  
Mounting : 4 hole flange  
Frequency: 6 Ghz

#### 4.3/10 straight male connector (Semi-flexible cable solder type)

SLK P/N: 5SDM14S-A232-003  
Cable : TCOM-600  
Frequency: 6 Ghz

#### 1.0/2.3 straight female connector (Flexible cable solder type)

SLK P/N: NM-5SDF15S-S02-005  
Cable : TFT-402-LF  
Frequency: 6 Ghz

#### 4.3/10 straight male connector (Semi-flexible cable solder type)

SLK P/N: 5SDM14S-A429  
Cable : TFT-401  
Frequency: 6 Ghz

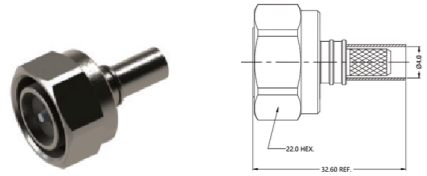
#### 4.3/10 straight male connector (Semi-flexible cable crimping type)

SLK P/N: NM-5SDM14S-A232-001  
Cable : TCOM-600  
Frequency: 6 Ghz

## 4.3/10 Series Connector

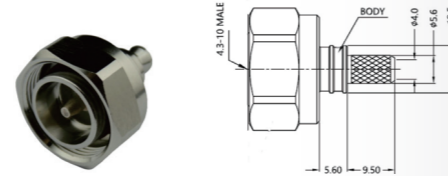
### 4.3/10 Series

#### 4.3/10 straight male connector (Flexible cable crimping type)



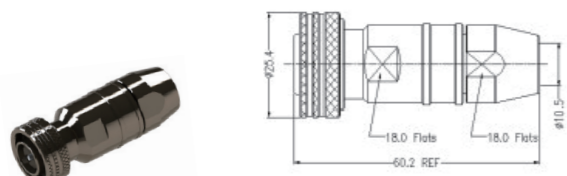
SLK P/N: 5SDM11S-A46  
Cable : LMR-240  
Frequency: 8 Ghz

#### 4.3/10 straight male connector (Semi-steel cable crimping type)



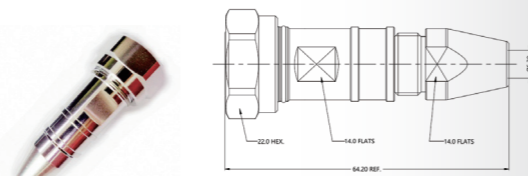
SLK P/N: 5SDM11S-A46-001  
Cable : LMR-240  
Frequency: 8 Ghz

#### 4.3/10 straight male connector (Flexible cable solder type)



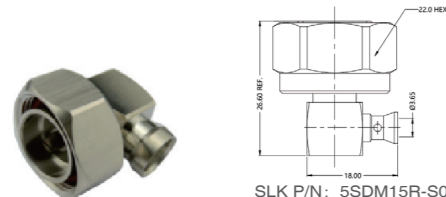
SLK P/N: 5SDM14S-A230-002  
Cable : TCOM-400  
Frequency: 6 GHz

#### 4.3/10 straight male connector (Flexible cable solder type)



SLK P/N: 5SDM14S-A637  
Cable : TCOM-240  
Frequency: 6 GHz

#### 4.3/10 right angle male connector (Flexible cable solder type)



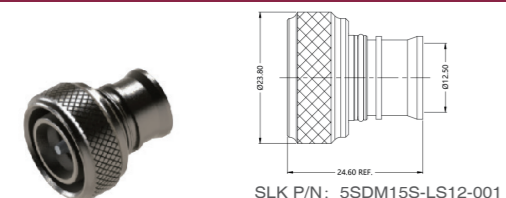
SLK P/N: 5SDM15R-S02  
Cable : TFT-402  
Frequency: 6 GHz

#### 4.3/10 straight male connector (Flexible cable crimping type)



SLK P/N: 5SDM15S-LS12  
Cable : 1/2" super flexible cable  
Frequency: 6 GHz

#### 4.3/10 straight male connector (Semi-steel cable crimping type)



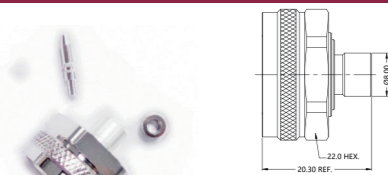
SLK P/N: 5SDM15S-LS12-001  
Cable : 1/2" super flexible cable  
Frequency: 6 GHz

#### 4.3/10 straight male connector (Semi-steel cable crimping type)



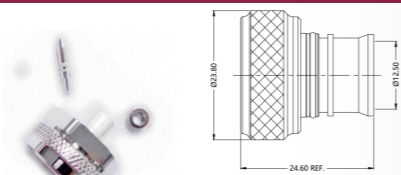
SLK P/N: 5SDM15S-LS12-002  
Cable : 1/2" super flexible cable  
Frequency: 6 GHz

#### 4.3/10 straight male connector (Flexible cable crimping type)



SLK P/N: 5SDM15S-S02-003  
Cable : RG-402  
Frequency: 6 GHz

#### 4.3/10 straight male connector (Flexible cable crimping type)

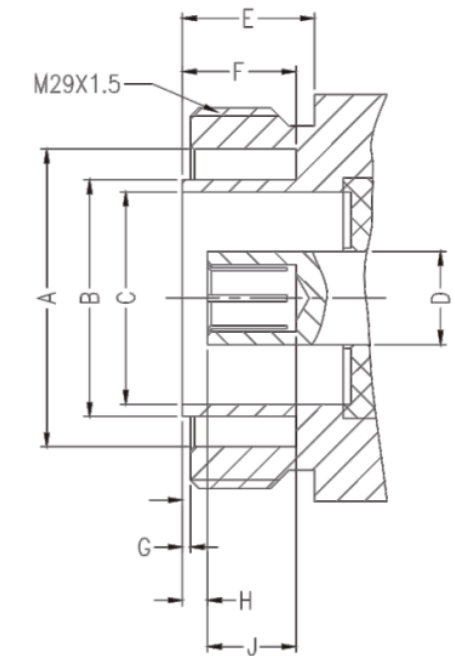
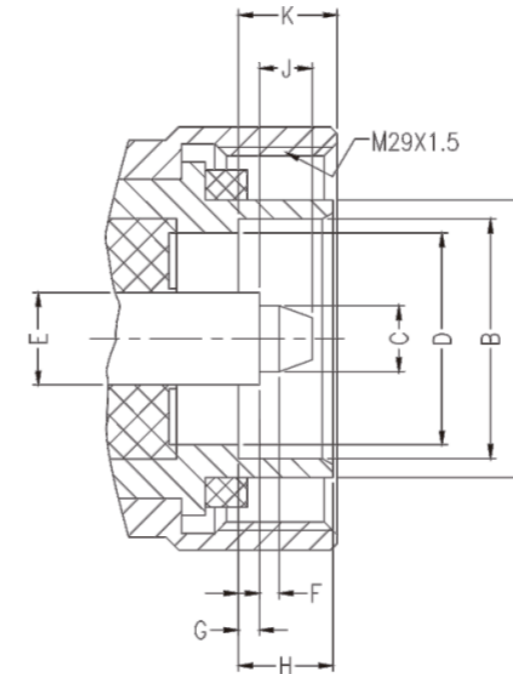


SLK P/N: 5SDM15S-S02-004  
Cable : RG-402  
Frequency: 6 GHz

## 7/16 Series Connector

### 7/16 Series

The 7/16 (L29) series RF coaxial connector is a larger threaded connector, which has the characteristics of sturdiness and stability, low loss, low intermodulation, and high working voltage. It is suitable for products that are resistant to earthquakes and highly demanding environments, such as Application products such as radar base station, microwave transmission and mobile communication system.



#### Male

Label	Minimum	Max
B	20.60	21.40
C	18.03	18.12
D	4.96	5.04
E	15.85	16.25
F	7.00 (regular value)	
G	1.40	1.60
H	1.47	1.77
J	7.00	8.00
K	-	4.50
	7.00	8.00

#### Female

Label	Minimum	Max
A	22.10	22.90
B	17.84	18.02
C	15.85	16.25
D	7.00 (regular value)	
E	10.00	-
F	8.10	-
G	0.50	0.70
H	1.77	2.07
J	5.00	-

Note: unit mm  
Reference standar: IEC61169-4

# 7/16 Series Connector

## 7/16 Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-7.5 GHz
Operating Voltage	1000 V(RMS)
Medium pressure	3000 V(RMS)
Conductor resistance	Inner conductor: $\leq 0.4 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.5 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 10 \text{ G}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)
Intermodulation value (2X20W)	$< -160 \text{ dbc}$ (typical value of intermodulation products)

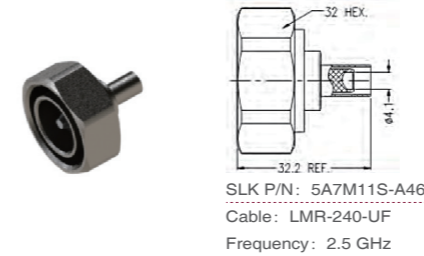
Material/Plating		
Part Name	Stainless steel, brass	Coating
Main body, hardware accessories	Brass	Silver-plated, nickel, alloy
Inner conductor	Male head: brass	Silver
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 225 \text{ lbs}$
Thread torque	$\geq 310 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 6.3 \text{ lbs}$
Center pin pullout force	$\geq 2.25 \text{ lbs}$
Center pin retention	$\geq 45 \text{ lbs}$
Durability	500 times

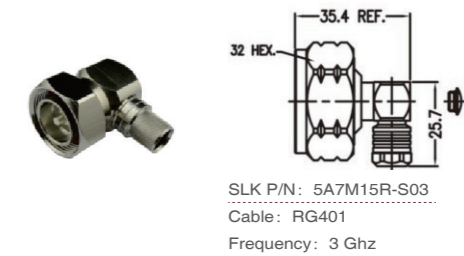
# 7/16 Series Connector

## 7/16 Series

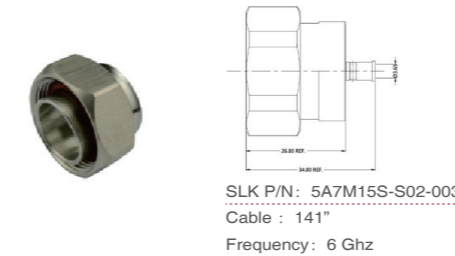
### 7/16 straight male connector (Flexible cable crimping type)



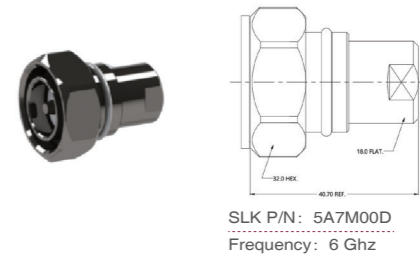
### 7/16 right angle male connector (Flexible cable solder type)



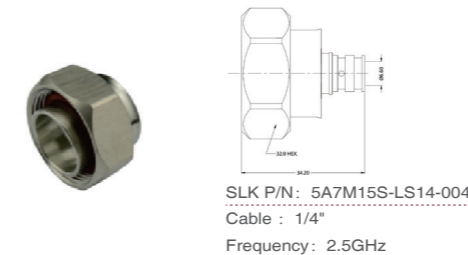
### 7/16 straight male connector (Flexible cable solder type)



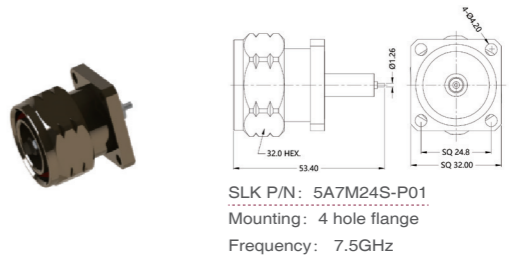
### 7/16 straight male connector



### 7/16 straight male connector (Flexible cable solder type)



### 7/16 straight male connector (PCB connector)



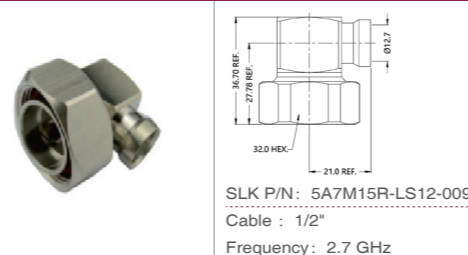
### 7/16 right angle male connector (Flexible cable solder type)



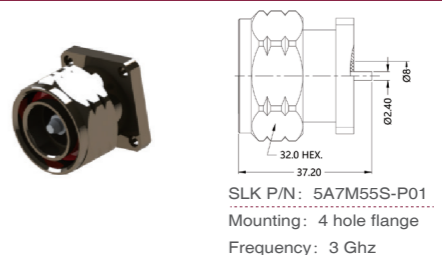
### 7/16 straight male connector



### 7/16 right angle male connector (Flexible cable solder type)



### 7/16 straight male connector (PCB connector)

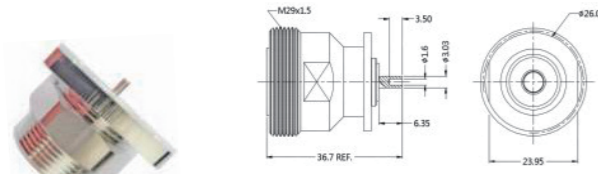




# 7/16 Series Connector

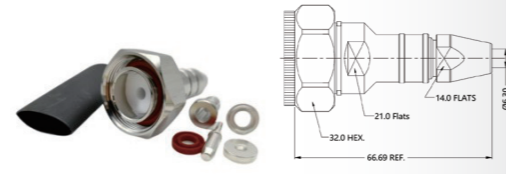
## 7/16 Series

7/16 straight female connector



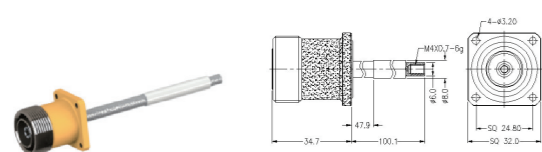
SLK P/N: 5A7F55S-P01-027  
 Mounting: PCB surface mount  
 Frequency: 7.5 GHz

7/16 straight male connector (Flexible cable solder type)



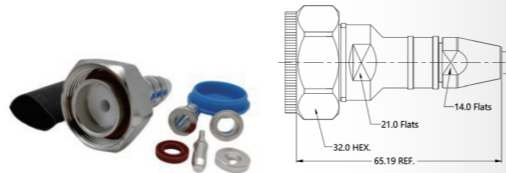
SLK P/N: 5A7M14S-A637  
 Cable: TCOM-240  
 Frequency: 6 Ghz

7/16 straight female connector (PCB connector)



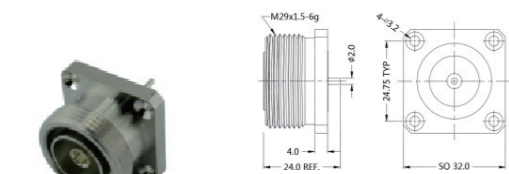
SLK P/N: 5A7F50S-T01-004  
 Mounting: 4 hole flange  
 Frequency: 3 Ghz

7/16 straight male connector (Flexible cable solder type)



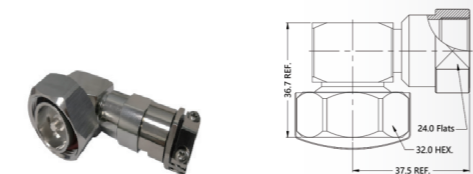
SLK P/N: 5A7M14S-A429  
 Cable: TFT-401  
 Frequency: 6 Ghz

7/16 straight female connector (PCB connector)



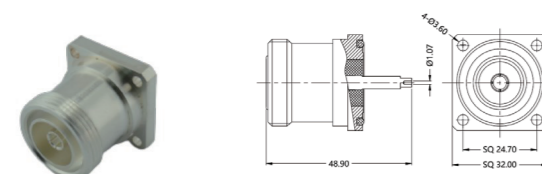
SLK P/N: 5A7F11S-P01  
 Mounting: 4 hole flange  
 Frequency: 7.5 GHz

7/16 right angle male connector (Flexible cable solder type)



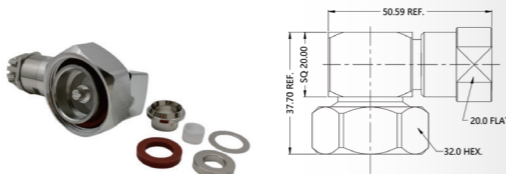
SLK P/N: 5A7M14R-A270  
 Cable: SFT-600  
 Frequency: 3 Ghz

7/16 straight female connector (PCB connector)



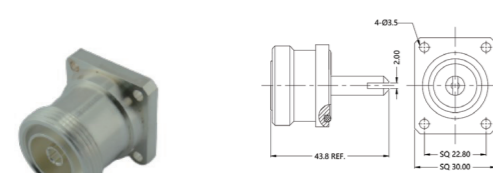
SLK P/N: 5A7F05S-P21  
 Mounting: 4 hole flange  
 Frequency: 4 Ghz

7/16 right angle male connector (Flexible cable solder type)



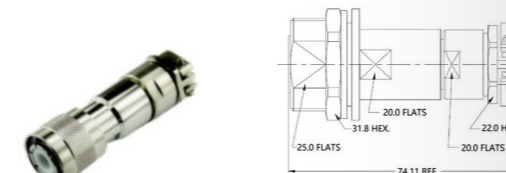
SLK P/N: 5A7M14R-A253  
 Cable: RG393  
 Frequency: 1 Ghz

7/16 straight female connector (PCB connector)



SLK P/N: 5A7F40S-P01-009  
 Mounting: 4 hole flange  
 Frequency: 3 Ghz

7/16 straight female connector (Flexible cable solder type)

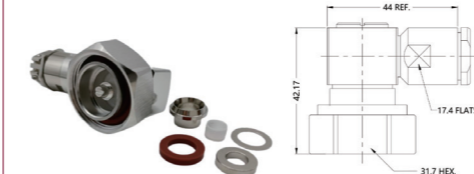


SLK P/N: 5A7F31S-A253  
 Cable: RG393  
 Frequency: 2.5 GHz

# 7/16 Series Connector

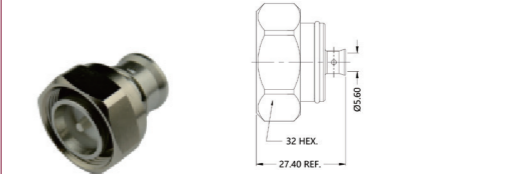
## 7/16 Series

7/16 right angle male connector (Flexible cable solder type)



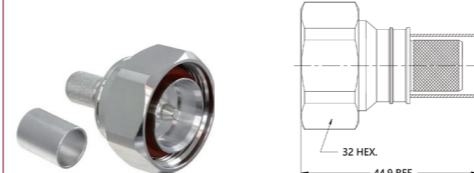
SLK P/N: 5A7M11R-A11-002  
 Cable: LMR-400  
 Frequency: 3 Ghz

7/16 straight male connector (Flexible cable solder type)



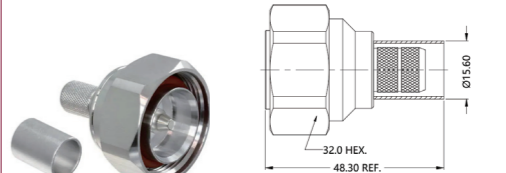
SLK P/N: 5A7M15S-A81-006  
 Cable: RG402  
 Frequency: 6 Ghz

7/16 straight male connector (Flexible cable crimping type)



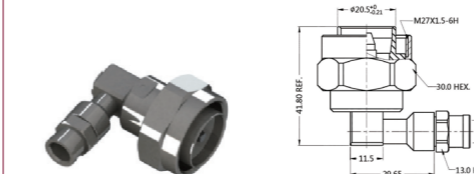
SLK P/N: 5A7M11S-A22  
 Cable: LMR-600  
 Frequency: 1 Ghz

7/16 straight male connector (Flexible cable crimping type)



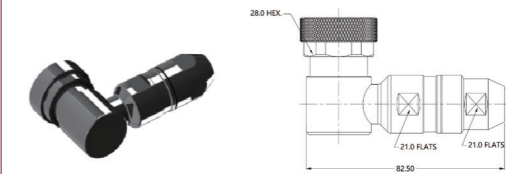
SLK P/N: 5A7M11S-A351  
 Cable: LMR-500  
 Frequency: 3 Ghz

7/16 right angle male connector (Flexible cable solder type)



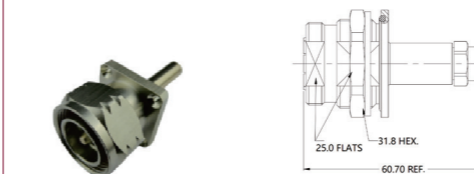
SLK P/N: 5A7M15R-A469  
 Cable: SLB-800  
 Frequency: 6 Ghz

7/16 right angle male connector (Flexible cable solder type)



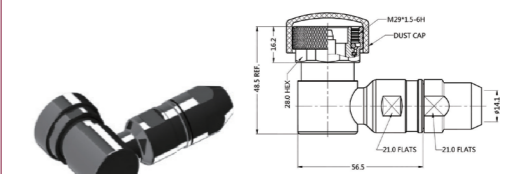
SLK P/N: 5A7M14R-A312-002  
 Cable: SFT-500  
 Frequency: 2.5 Ghz

7/16 straight female connector (Flexible cable solder type)



SLK P/N: 5A7F31S-A469  
 Cable: SLB-800  
 Frequency: 6 Ghz

7/16 right angle male connector (Flexible cable solder type)



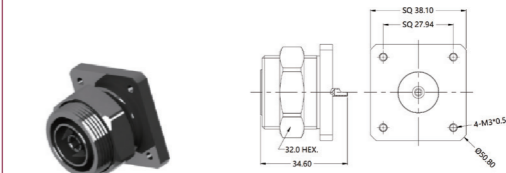
SLK P/N: 5A7M14R-A51  
 Cable: SFT-500  
 Frequency: 2.5 GHz

7/16 straight female connector (Flexible cable crimping type)



SLK P/N: 5A7F81S-A06  
 Cable: RG-214  
 Frequency: 5 Ghz

7/16 straight female connector (PCB connector)

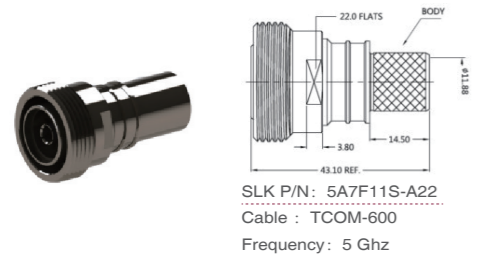


SLK P/N: 5A7F85S-H41  
 Mounting: 4 hole flange  
 Frequency: 5 Ghz

# 7/16 Series Connector

## 7/16 Series

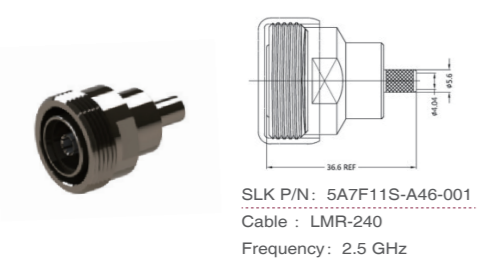
### 7/16 straight female connector (Flexible cable solder type)



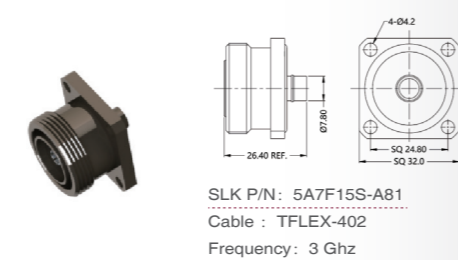
### 7/16 straight female connector (Flexible cable solder type)



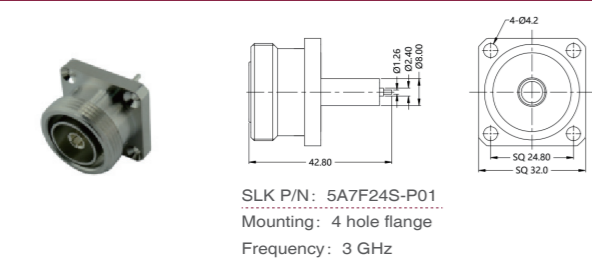
### 7/16 straight female connector (Flexible cable solder type)



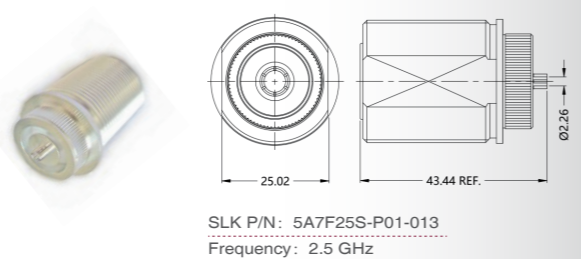
### 7/16 straight female connector (Flexible cable solder type)



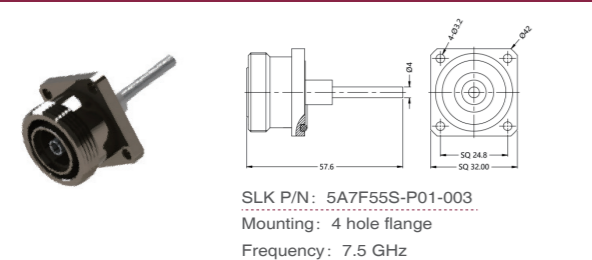
### 7/16 straight female connector



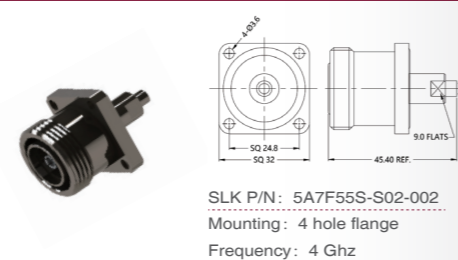
### 7/16 straight female connector



### 7/16 straight female connector



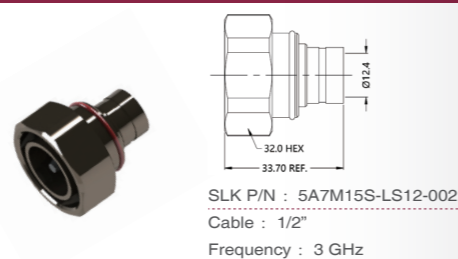
### 7/16 straight female connector



### 7/16 straight male connector



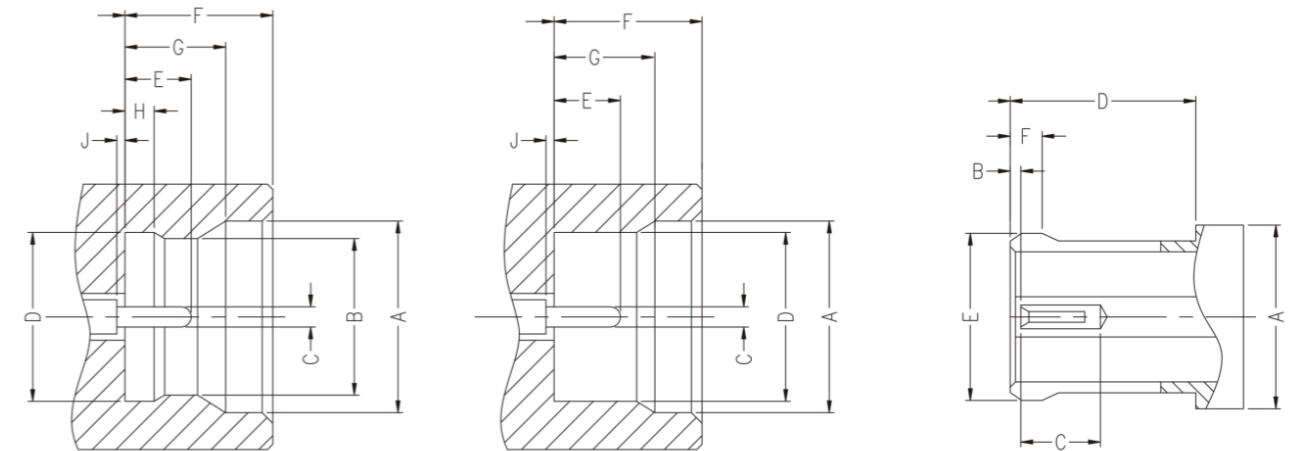
### 7/16 straight male connector



# SSMP Series Connector

## SSMP Series

SSMP RF coaxial connector is a miniature push-in blind-mate RF connector, which is a reduced version of SMP. The product has an application frequency of up to 65GHz, small size, excellent electrical performance, and has a connection drift function. It is widely used in high-density and blind-mating applications such as printed circuit boards, and in military communications such as radar and aerospace. It is more and more widely used in the field.



### Male

Label	Minimum	Max
A	2.82	2.92
B	2.11	2.16
C	0.28	0.33
D	2.18	2.24
E	0.76	1.14
F	2.08	2.13
G	1.57	1.83
H	0.53	0.58
J	0.00	-

### Female

Label	Minimum	Max
A	-	2.79
B	0.00	0.20
C	1.27	-
D	1.73	-
E	-	2.41
F	-	0.58
G		
H		
I		

Note: unit mm  
Reference standard: MIL-STD-348A

# SSMP Series Connector

## SSMP Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-65 GHz
Operating Voltage	325 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 6.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, beryllium copper	Gold-plated, passivated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A

Mechanical behavior	
insertion force	Typical value: 4.5 lbs max (full escapement) 2.5 lbs max (light vertical)
pullout force	Typical value: >6.5 lbs max (full escapement) >1.5 lbs max (light vertical)
Center pin retention	$\geq 1.5 \text{ lbs}$
Durability	100 times (full escapement) 500 times (light vertical)

# SSMP Series Connector

## SSMP Series

**SSMP straight female connector**

SLK P/N: 5MPF15S-A82-004  
Cable : TFLEX-405  
Frequency: 40 Ghz

**SSMP straight female connector**

SLK P/N: 5MPF15S-S04  
Cable : 047 CABLE  
Frequency: 40 Ghz

**SSMP straight female connector**

SLK P/N: 5MPF15S-A82-002  
Cable : TFLEX-405  
Frequency: 40 Ghz

**SSMP straight female connector**

SLK P/N: 5MPF15S-A420-002  
Cable : 047 CABLE  
Frequency: 67 Ghz

**SSMP straight male connector**

SLK P/N: 5MPM27S-P01-003  
Mounting: PCB-SMT  
Frequency: 6 Ghz

**SSMP female to SSMP female adapter**

SLK P/N: 5MPF06S-MPF-003  
Frequency: 6 Ghz

**SSMP straight female connector**

SLK P/N: 5MPF15S-A558  
Cable : SPB-150  
Frequency: 6 Ghz

**SSMP straight female connector**

SLK P/N: 5MPF15S-A570  
Cable : HF-090  
Frequency: 40 Ghz

**SSMP right angle female connector**

SLK P/N: 5MPF15R-A353  
Cable : 047 CABLE  
Frequency: 40 Ghz

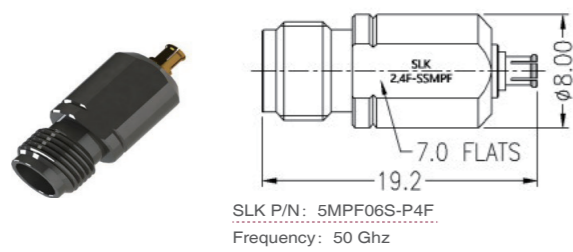
**SSMP male to 2.4mm female adapter**

SLK P/N: 5MPM06S-P4F-001  
Frequency: 50 Ghz

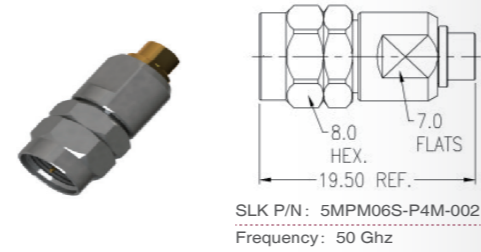
# SSMP Series Connector

## SSMP Series

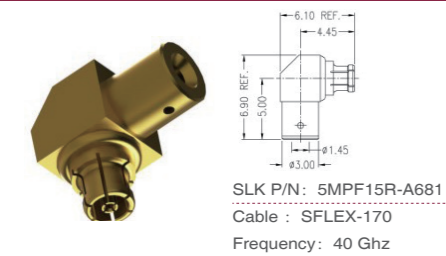
SSMP female to 2.4mm female adapter



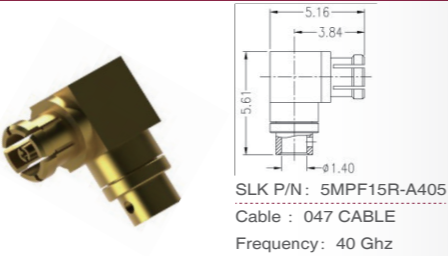
SSMP male to 2.4mm male adapter



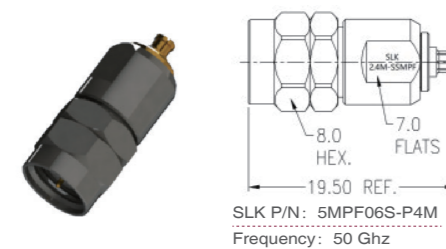
SSMP right angle female connector



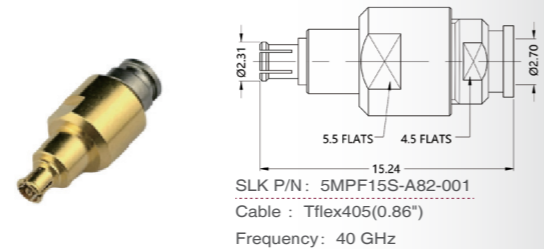
SSMP right angle female connector(Semi-flexible cable solder type)



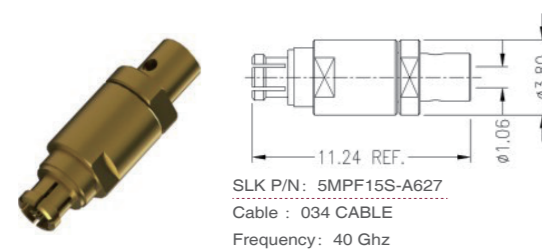
SSMP female to 2.4mm male adapter



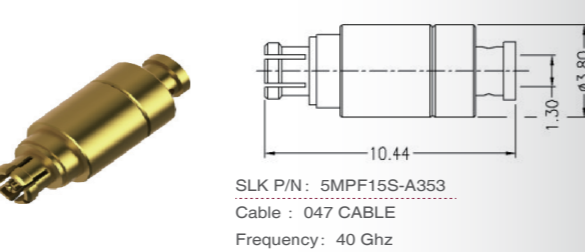
SSMP straight female connector(Flexible cable solder type)



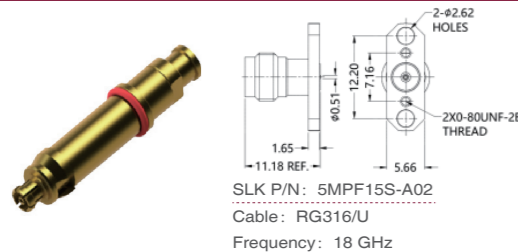
SSMP straight female connector



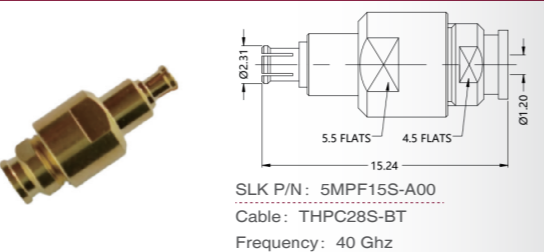
SSMP straight female connector



SSMP straight female connector



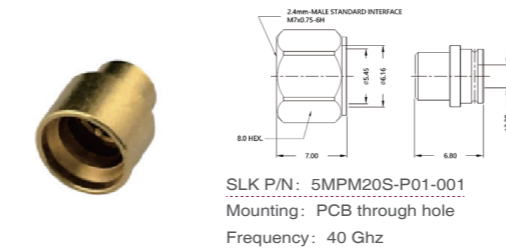
SSMP straight female connector



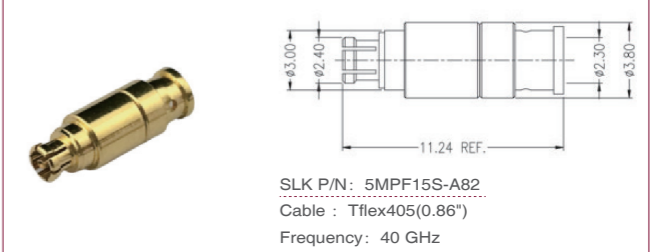
# SSMP Series Connector

## SSMP Series

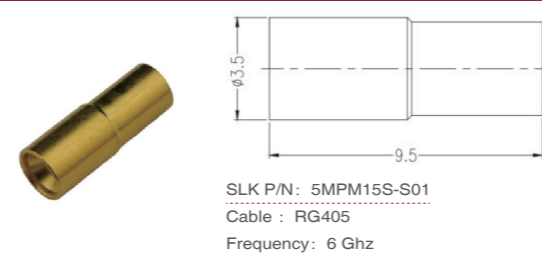
SSMP straight male connector (PCB connector)



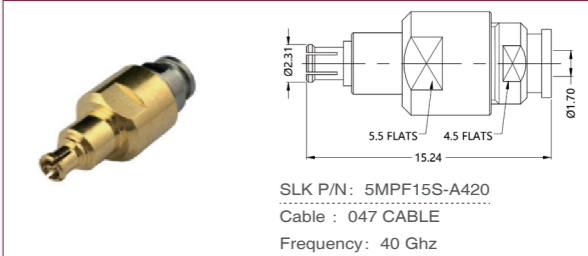
SSMP straight female connector(Semi-flexible cable solder type)



SSMP straight male connector(Flexible cable solder type)



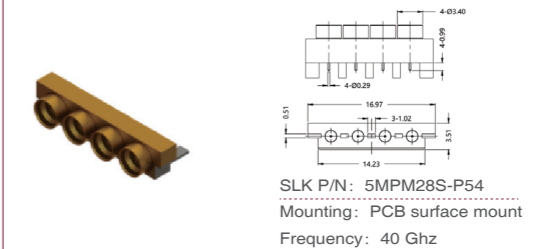
SSMP straight female connector(Flexible cable solder type)



SSMP straight male connector(Semi-flexible cable solder type)



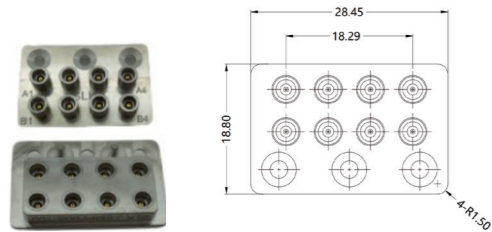
SSMP straight male connector (PCB connector)



# SSMP VITA 67 Series Connector

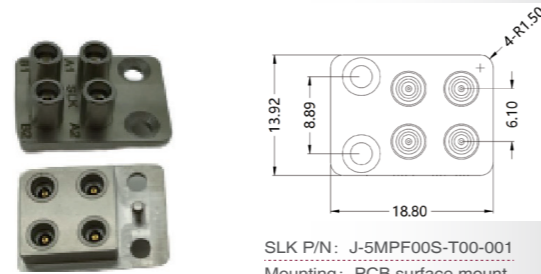
## SSMP VITA 67 Series

SSMP VITA 67straight female connector(PCB connector)



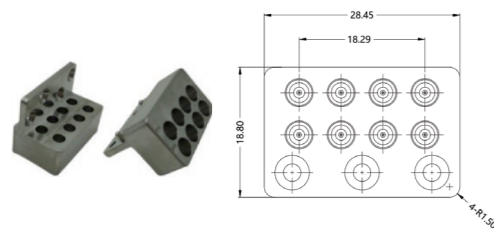
SLK P/N: J-5MPF00S-T00  
 Mounting: PCB surface mount  
 Frequency: 67 Ghz

SSMP VITA 67straight female connector(PCB connector)



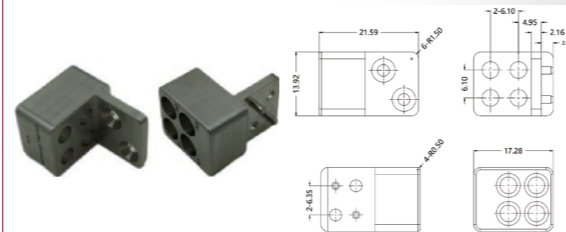
SLK P/N: J-5MPF00S-T00-001  
 Mounting: PCB surface mount  
 Frequency: 67GHz

SSMP VITA 67straight male connector(PCB connector)



SLK P/N: J-5MPM00S-T00  
 Frequency: 67 Ghz

SSMP VITA 67straight male connector(PCB connector)



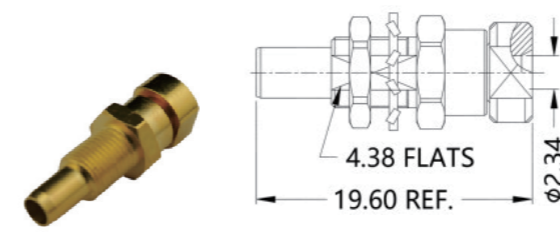
SLK P/N: J-5MPM00S-T00-001  
 Mounting: PCB surface mount  
 Frequency: 67GHz

# SBMA Series Connector

## SBMA Series

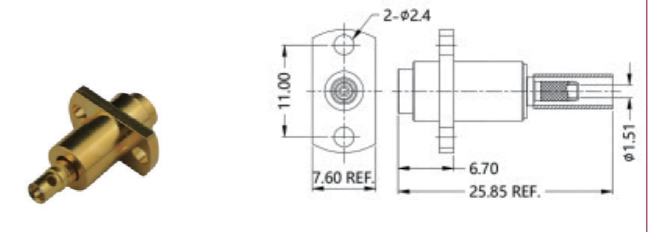
Other series - Superlink provides various other series of connector products, including HN, LC, FAKRA, FME,  
 For SBMA, SSMP, bundle connectors, mixed connectors, etc., for more series products, please consult the sales staff of Superlink.

SBMA straight male connector(Flexible cable flow forming type)



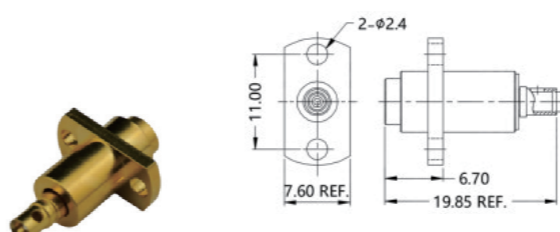
SLK P/N: 5BSM15S-A82  
 Cable: TFLEX-405  
 Frequency: 24 Ghz

SBMA straight female connector(Flexible cable crimping type)



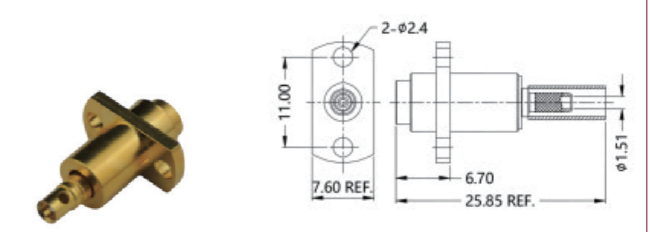
SLK P/N: 5BSF11S-A50  
 Cable: RD316  
 Frequency: 3 Ghz

SBMA straight female connector(Flexible cable crimping type)



SLK P/N: 5BSF15S-A82  
 Cable: TFLEX-405  
 Frequency: 24 Ghz

SBMA straight male connector(Flexible cable crimping type)



SLK P/N: 5BSM11S-A50  
 Cable: RD316  
 Frequency: 3 Ghz

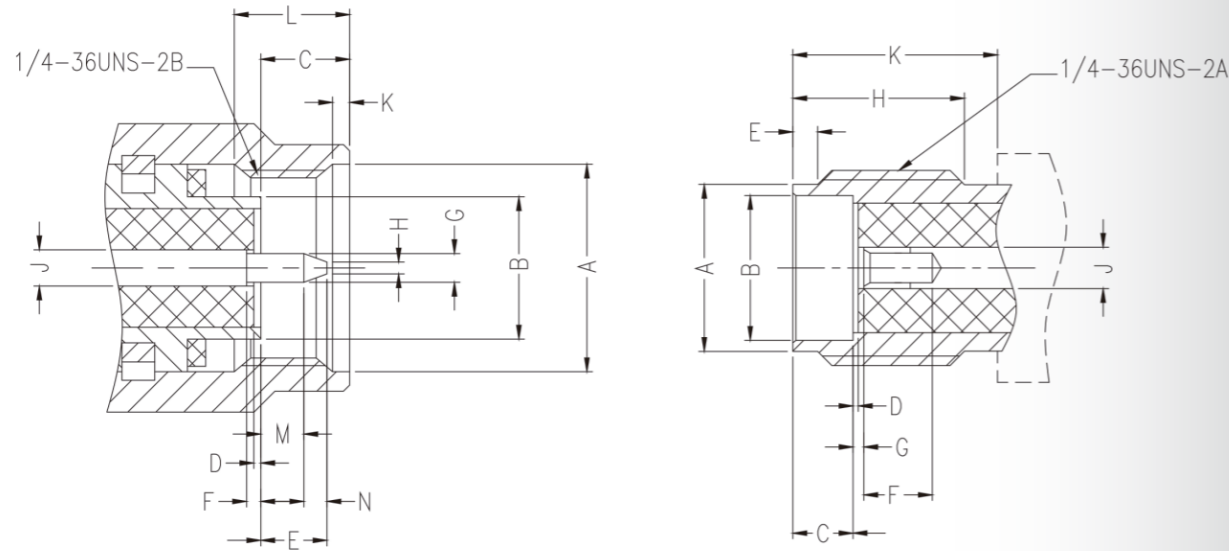
SBMA Series

SSMP Series

# SMA Series Connector

## SMA Series

SMA series RF coaxial connector is an ultra-small, high-frequency coaxial connector with a frequency range of DC-26.5GHz. It has the characteristics of small size, low loss, high mechanical strength, and good plug life. It is the most widely used RF connectors are widely used in microwave communications, aerospace and navigation, and microwave measurement equipment.



### Male

Label	Minimum	Max
A	6.35	-
B	4.52	4.59
C	-	3.43
D	0.00	0.25
E	1.65	2.54
F	0.00	0.25
G	0.90	0.94
H	0.00	0.38
J	1.24	1.30
K	0.38	1.14
L	3.30	-
M	1.27	-
N	0.38	-

### Female

Label	Minimum	Max
A	5.28	5.49
B	4.60	4.67
C	1.88	1.98
D	0.00	0.25
E	0.38	1.14
F	2.92	-
G	0.00	0.25
H	4.32	-
J	1.24	1.30
K	5.54	-

Note: unit mm  
Reference standard: IEEE Std 287

# SMA Series Connector

## SMA Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	18-27 GHz
Operating Voltage	RG178:170 V(RMS)
	RG316, RG405:250 V(RMS)
	RG142, RG402:335 V(RMS)
Medium pressure	RG178:500 V(RMS)
	RG316, RG405:750V(RMS)
	RG142, RG402:1000V(RMS)
Conductor resistance	Inner conductor: $\leq 3.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, stainless steel	Gold plating, nickel plating, ternary alloy plating
Inner conductor	Male head: brass	Gold
	Female head: beryllium.copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 60 \text{ lbs}$
Thread torque	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

# SMA Series Connector

## SMA Series

SMA straight male connector(Flexible cable crimping type)

SLK P/N: 5MAM11S-A02-011  
Cable : RG316  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM13S-A336  
Cable : MG-200  
Frequency: 18 Ghz

SMA straight male connector(Flexible cable crimping type)

SLK P/N: 5MAM11S-A41-010  
Cable : RG58  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM14S-A279-002  
Cable : MG-300  
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK Part Number: 5MAM11S-A46-018  
Cable : LMR-240  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A231-005  
Cable : HF-190  
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM11S-A130  
Cable : LMR-300  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM11S-A210-002  
Cable : HF-290  
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM11S-A11-006  
Cable : LMR-400  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A87-003  
Cable : SFT-142  
Frequency: 18 Ghz

# SMA Series Connector

## SMA Series

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A207-002  
Cable : SFT-205  
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF11S-A02-006  
Cable : RG316  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A71-002  
Cable : SFT-304  
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF11S-A46-007  
Cable : LMR-240  
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM13S-A120-001  
Cable : SFT-316  
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF15S-A207  
Cable : SFT-205  
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-S02-078  
Cable : RG-402- 141 CABLE  
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF15S-A231-001  
Cable : HF-190  
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-S01-013  
Cable : RG405、086" cable  
Frequency: 18 Ghz

1.85mm male to 2.4mm male adapter

SLK P/N: 5MAF35S-A470  
Cable : SPB-360  
Frequency: 18 Ghz

# SMA Series Connector

## SMA Series

**SMA straight female connector(Flexible cable solder type)**

SLK P/N: 5MAF11S-A425-003  
Cable :  $\varnothing$  1.32  
Frequency: 6 GHz

**SMA straight female connector(Flexible cable solder type)**

SLK P/N: 5MAF15S-S02-012  
Cable : RG402  
Frequency: 18 GHz

**SMA straight female connector(Flexible cable solder type)**

SLK Part Number: 5MAF15S-A72-003  
Cable :  $\varnothing$ 1.37  
Frequency: 6 GHz

**SMA straight female connector(Flexible cable solder type)**

SLK P/N: 5MAF15S-S01-006  
Cable : RG405  
Frequency: 12 GHz

**SMA straight female connector(Flexible cable crimping type)**

SLK P/N: 5MAF51S-A200  
Cable : TCOM-200  
Frequency: 6 GHz

**SMA straight female connector(Flexible cable crimping type)**

SLK P/N: 5MAF51S-A02-005  
Cable : RG-316  
Frequency: 6 GHz

**SMA straight female connector(Flexible cable crimping type)**

SLK P/N: 5MAF11S-A02-045  
Cable : RG-316  
Frequency: 6 GHz

**SMA straight female connector(Flexible cable solder type)**

SLK P/N: 5MAF15S-S01-034  
Cable : 086" cable  
Frequency: 6 GHz

**SMA straight male connector(Flexible cable solder type)**

SLK P/N: 5MAF15S-A347-003  
Cable : Flexiform 402 LX  
Frequency: 13.5 GHz

**SMA straight female connector(Flexible cable solder type)**

SLK P/N: 5MAF85S-S02  
Cable : 141 cable  
Frequency: 6 GHz

# SMA Series Connector

## SMA Series

**SMA right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MAM11R-A09-009  
Cable : RG223  
Frequency: 6 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM15R-S01-013  
Cable : RG-405, 086" cable  
Frequency: 6 GHz

**SMA right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MAM11R-A02-027  
Cable : RG316U  
Frequency: 12.4 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM15R-S02-031  
Cable : 141 cable  
Frequency: 6 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM15R-A231-005  
Cable : HF-190  
Frequency: 18 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM15R-A210  
Cable : HF-290  
Frequency: 18 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM15R-A207  
Cable : SFT-205  
Frequency: 18 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM13R-A336  
Cable : MG-200  
Frequency: 18 GHz

**SMA right angle male connector(Flexible cable solder type)**

SLK P/N: 5MAM13R-A120  
Cable : SFT-316  
Frequency: 18 GHz

**SMA right angle male connector(Flexible cable solder type)**

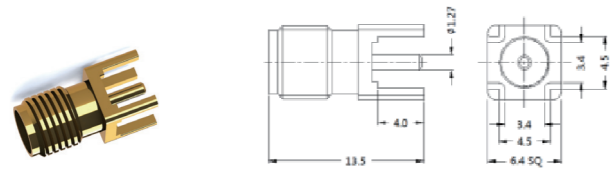
SLK P/N: 5MAM11R-A46-006  
Cable : LMR-240  
Frequency: 6 GHz



# SMA Series Connector

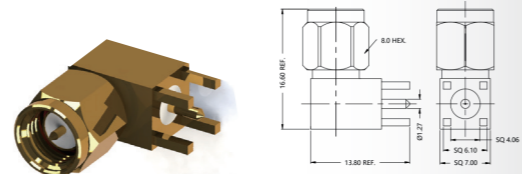
## SMA Series

### SMA straight female connector (PCB connector)



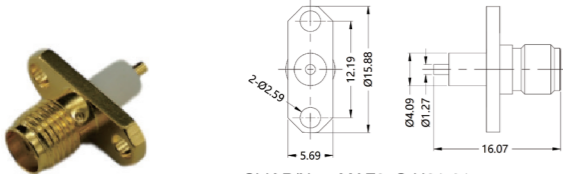
SLK P/N: 5MAF25S-P41-019  
Mounting: PCB through hole  
Frequency: 6 Ghz

### SMA right angle male connector (PCB connector)



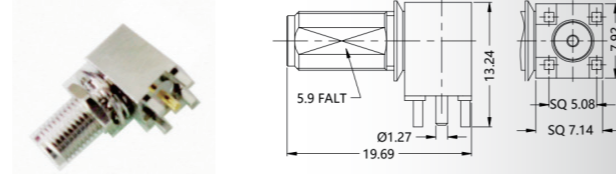
SLK P/N: 5MAM25R-P01  
Mounting: PCB through hole  
Frequency: 18 Ghz

### SMA straight female connector (PCB connector)



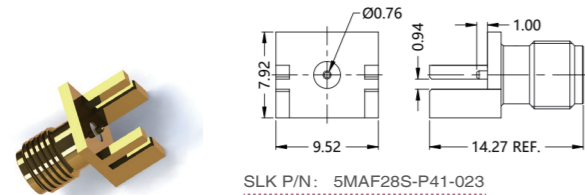
SLK P/N: 5MAF85S-H21-017  
Mounting: 2 hole flange  
Frequency: 18 Ghz

### SMA right angle female connector (PCB connector)



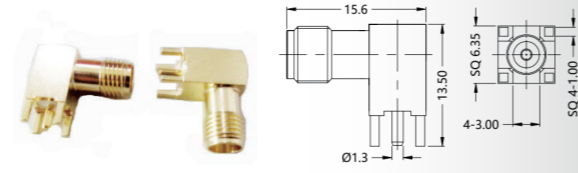
SLK P/N: 5MAF25R-P41-044  
Mounting: PCB through hole  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)



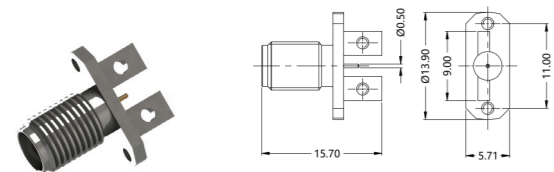
SLK P/N: 5MAF28S-P41-023  
Mounting: PCB end-launch  
Frequency: 18 Ghz

### SMA right angle female connector (PCB connector)



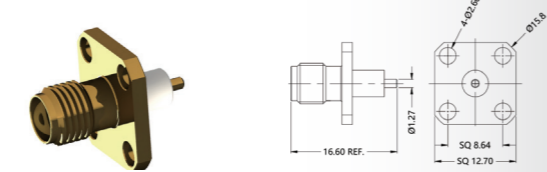
SLK P/N: 5MAF25R-P41-028  
Mounting: PCB through hole  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)



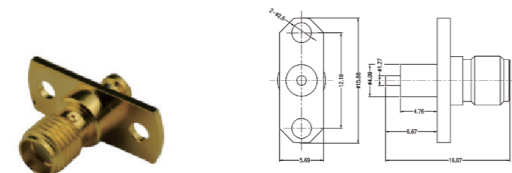
SLK P/N: 5MAF25S-P21-001  
Mounting: PCB end-launch  
Frequency: 18 Ghz

### SMA straight female connector (PCB connector)



SLK P/N: 5MAF85S-H41-012  
Mounting: 4 through hole  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)

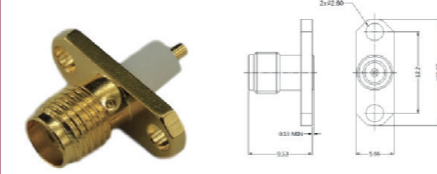


SLK P/N: 5MAF85S-H21-017  
Mounting: 2 through hole  
Frequency: 6 Ghz

# SMA Series Connector

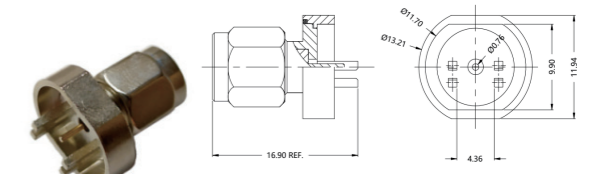
## SMA Series

### SMA straight female connector (PCB connector)



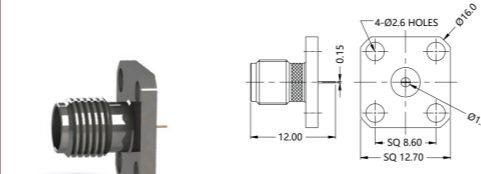
SLK P/N: 5MAF85S-H21-006  
Mounting: 2 through hole  
Frequency: 18 Ghz

### SMA straight male connector (PCB connector)



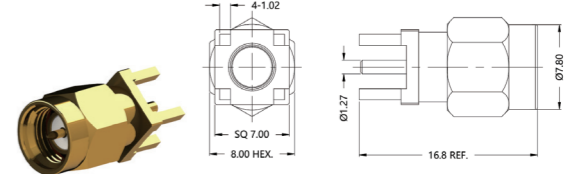
SLK P/N: 5MAM28S-P41  
Mounting: PCB end-launch  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)



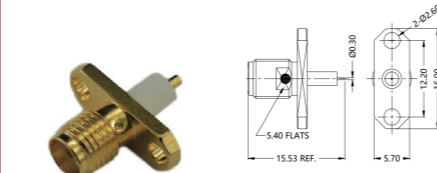
SLK P/N: 5MAF85S-H41-031  
Mounting: 4 t hole  
Frequency: 18 Ghz

### SMA straight male connector (PCB connector)



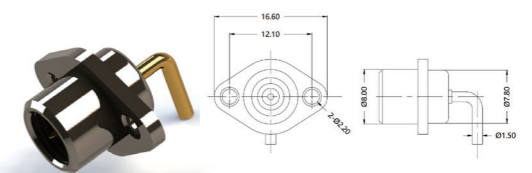
SLK P/N: 5MAM25S-P41  
Mounting: PCB-SMT  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)



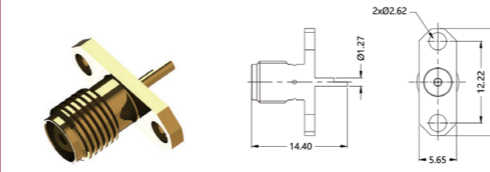
SLK P/N: 5MAF85S-H21-018  
Mounting: 2 through hole  
Frequency: 26.5 Ghz

### SMA straight male connector (PCB connector)



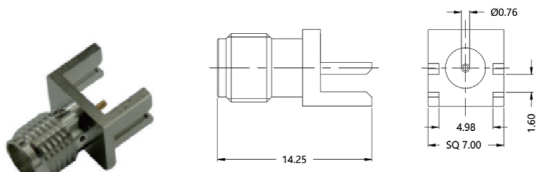
SLK P/N: 5MAM50S-P02-003  
Mounting: 2 through hole  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)



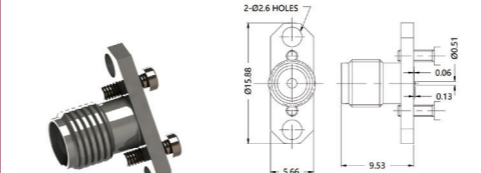
SLK P/N: 5MAF85S-H21-002  
Mounting: 2 through hole  
Frequency: 6 Ghz

### SMA straight female connector (PCB connector)



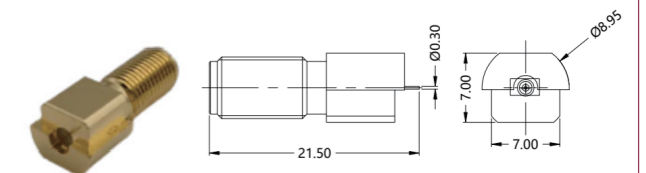
SLK P/N: 5MAF28S-P41-021  
Mounting: PCB through hole  
Frequency: 18 Ghz

### SMA straight female connector (PCB connector)



SLK P/N: 5MAF24S-P01-002  
Mounting: 2 through hole  
Frequency: 27 Ghz

### SMA straight female connector (PCB connector)



SLK P/N: 5MAF28S-P21-005  
Mounting: PCB end-launch  
Frequency: 18 Ghz

# SMB Series Connector

## SMB Series

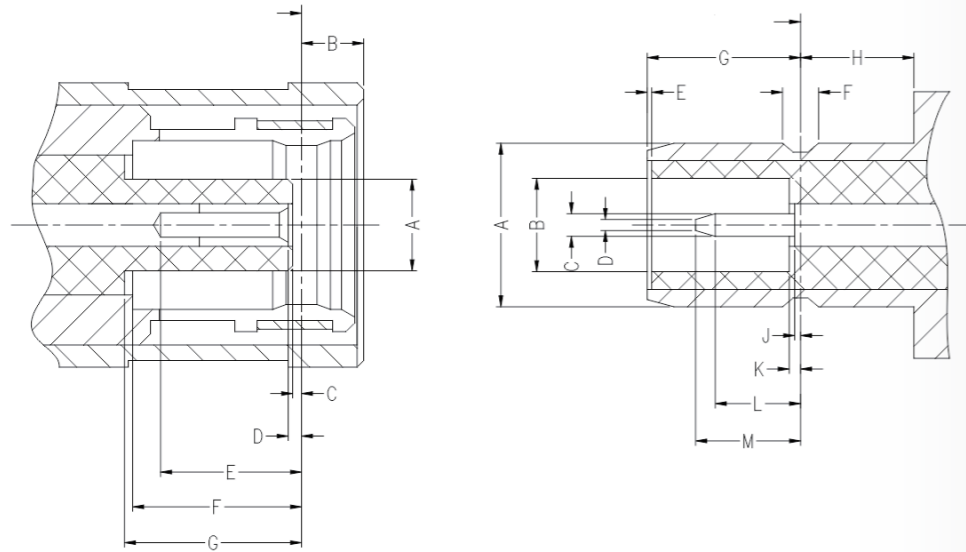
The SMB series RF coaxial connector is a small push-in RF connector developed and produced in accordance with the detailed specifications of MIL-C-39012.

The application frequency is up to 4GHz.

It is small in size, easy to plug and unplug, and has excellent electrical performance.

It is suitable for wireless Applications such as high-frequency loop connection of communication equipment and electronic instruments.

Superlink also provides SMB 75Ω series connectors with a frequency range of DC-2GHz.



### Male

Label	Minimum	Max
A	-	2.06
B	-	1.63
C	0.18	-
D	0.18	0.94
E	2.97	-
F	3.58	-
G	3.58	-

### Female

Label	Minimum	Max
A	3.66	3.71
B	2.08	2.16
C	0.48	0.53
D	-	0.25
E	0.00	-
F	0.69	0.94
G	3.33	3.58
H	1.65	-
J	-	0.18
K	-	0.18
L	1.32	-
M	-	2.97

Note: unit mm

Reference standard: MIL-C-39012(GJB681A,IEC60169-10)

# SMB Series Connector

## SMB Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-4 GHz
Operating Voltage	RG178:250 V(RMS)
	RG316, RG405:335 V(RMS)
Medium pressure	RG178:750 V(RMS)
	RG316, RG405:1000V(RMS)
Conductor resistance	Inner conductor: $\leq 6.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gold
	Female head: beryllium.copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 14 \text{ lbs}$
Male and female pullout force	2 lbs - 14 lbs
Center pin insertion force	$\leq 2.5 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 4 \text{ lbs}$
Durability	500 times

# SMB Series Connector

## SMB Series

**SMB straight male connector(Flexible cable crimping type)**

SLK P/N: 5MBM11S-A02-012  
Cable : RG316  
Frequency: 4.5 Ghz

**SMB straight female connector(Flexible cable solder type)**

SLK P/N: 5MBF11S-A02-017  
Cable : RG316  
Frequency: 3 Ghz

**SMB straight male connector(Flexible cable crimping type)**

SLK P/N: NM-5MBM11S-A02  
Cable : RG316  
Frequency: 4 Ghz

**SMB straight female connector(Flexible cable solder type)**

SLK P/N: 5MBF14S-A82  
Cable : TFLEX-405  
Frequency: 2 Ghz

**SMB straight male connector(Flexible cable crimping type)**

SLK P/N: 5MBM11S-A356  
Cable : 1.5D-HQ  
Frequency: 4.5 GHz

**SMB straight female connector(Flexible cable crimping type)**

SLK P/N: 5MBF14S-A02-001  
Cable : RG-316  
Frequency: 3 Ghz

**SMB straight male connector(Flexible cable crimping type)**

SLK P/N: 5MBM11S-A200  
Cable : TCOM-200  
Frequency: 3 Ghz

**SMB straight male connector(Flexible cable solder type)**

SLK P/N: 5MBM15S-S01-001  
Cable : RG-405-086" cable  
Frequency: 4.5 Ghz

**SMB right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MBM11R-A02-030  
Cable : RG-316  
Frequency: 4 Ghz

**SMB right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MBM11R-A50-001  
Cable : RD-316  
Frequency: 4 Ghz

# SMB Series Connector

## SMB Series

**SMB right angle female connector (PCB connector)**

SLK P/N: 5MBF25R-P01-001  
Mounting: PCB through hole  
Frequency: 4 Ghz

**SMB straight female connector (PCB connector)**

SLK P/N: 5MBF20S-P10  
Mounting: PCB through hole  
Frequency: 4 Ghz

**SMB right angle male connector (PCB connector)**

SLK P/N: 5MBM25R-P41-008  
Mounting: PCB through hole  
Frequency: 4 Ghz

**SMB straight female connector (PCB connector)**

SLK P/N: 5MBF25S-P01-001  
Mounting: PCB through hole  
Frequency: 4 Ghz

**SMB straight female connector (PCB connector)**

SLK P/N: 5MBF27S-P21-001  
Mounting: PCB-SMT  
Frequency: 3 Ghz

**SMB right angle female connector (PCB connector)**

SLK P/N: 5MBF25R-P41-008  
Mounting: PCB through hole  
Frequency: 4 Ghz

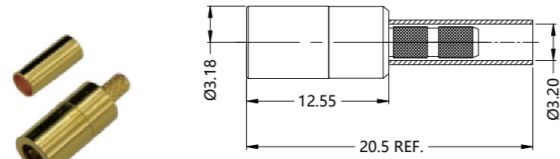
**SMB straight female connector (PCB connector)**

SLK P/N: 5MBF25S-P01  
Mounting: PCB through hole  
Frequency: 4 Ghz

# SMB75 ohm Series Connector

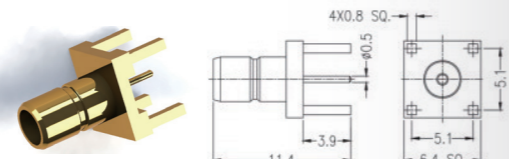
## SMB75 ohm Series

SMB 75 ohm straight male connector (Flexible cable crimping type)



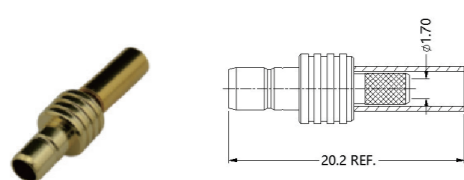
SLK P/N: 7MBM11S-A01-006  
Cable : RG-179  
Frequency: 4 Ghz

SMB 75 ohm straight female connector(PCB connector)



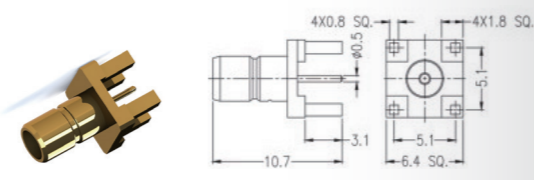
SLK P/N: 7MBF50S-P01  
Mounting: PCB through hole  
Frequency: 4 Ghz

SMB 75 ohm straight female connector (Flexible cable crimping type)



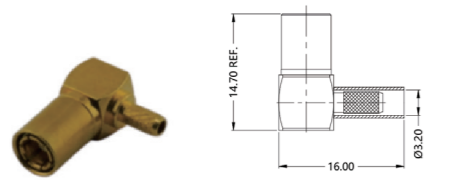
SLK P/N: 7MBF11S-A01-003  
Cable : RG-179  
Frequency: 2 Ghz

SMB 75 ohm straight female connector(PCB connector)



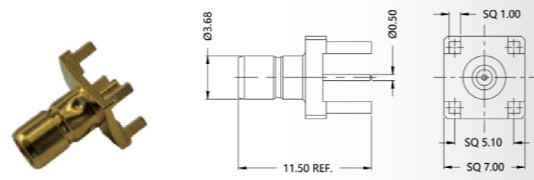
SLK P/N: 7MBF25S-P01-002  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMB 75 ohm right angle female connector (Flexible cable crimping type)



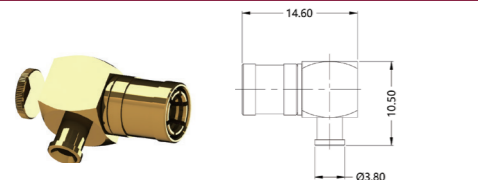
SLK P/N: 7MBM11R-A01-006  
Cable : RG179/U  
Frequency: 1.2 GHz

SMB 75 ohm straight female connector(PCB connector)



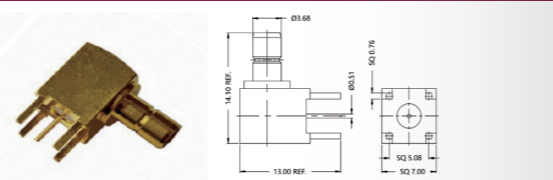
SLK P/N: 7MBF25S-P41-014  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMB 75 ohm right angle male connector (Semi-flexible cable crimping type)



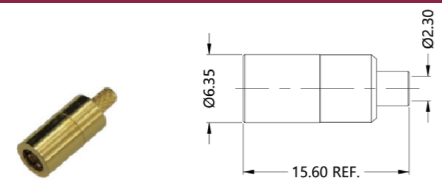
SLK P/N: 7MBM15R-A357  
Cable : 086"  
Frequency: 3 Ghz

SMB 75 ohm right angle female connector(PCB connector)



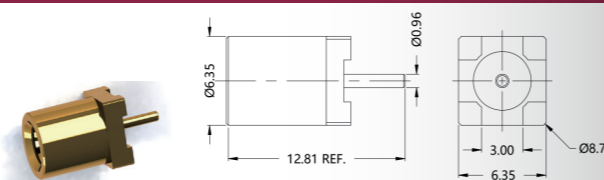
SLK P/N: 7MBF25R-P41  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMB 75 ohm right angle male connector (Semi-flexible cable crimping type)



SLK P/N: 7MBM15S-A357  
Cable : 086"  
Frequency: 1.3 GHz

SMB 75 ohm straight female connector(PCB connector)

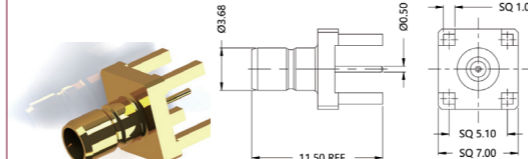


SLK P/N: 7MBM27S-P41-002  
Mounting: PCB surface mount  
Frequency: 3 Ghz

# SMB75 ohm Series Connector

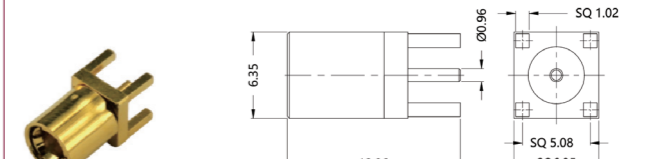
## SMB75 ohm Series

SMB 75 ohm straight male connector(PCB connector)



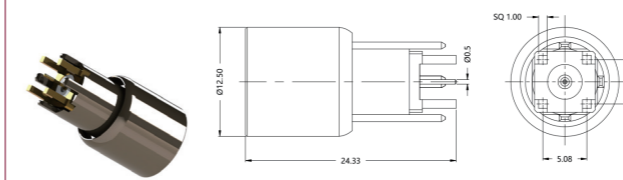
SLK P/N: 7MBF25S-P01-003  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMA right angle male connector(Flexible cable solder type)



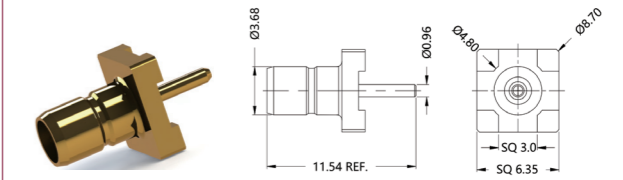
SLK P/N: 7MBM25S-P41-004  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMB 75 ohm straight male connector(PCB connector)



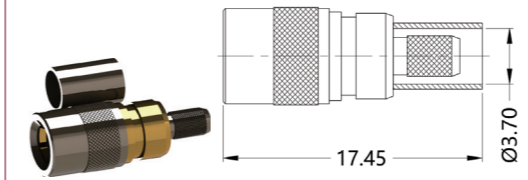
SLK P/N: 7MBF25S-P41-015  
Mounting: PCB through hole  
Frequency: 3 Ghz

SMB 75 ohm straight male connector(PCB connector)



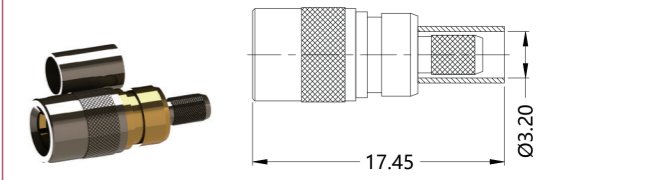
SLK P/N: 7MBF27S-P41  
Mounting: PCB through hole  
Frequency: 3 Ghz

SMB 75 ohm straight male connector (Flexible cable crimping type)



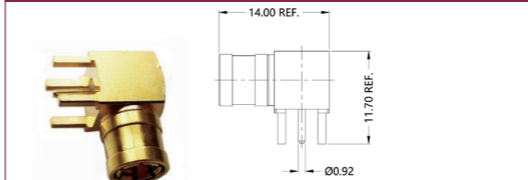
SLK P/N: 7MBM11S-A00-003  
Cable : RG179-QS  
Frequency: 1.2 GHz

SMB 75 ohm straight male connector (Flexible cable crimping type)



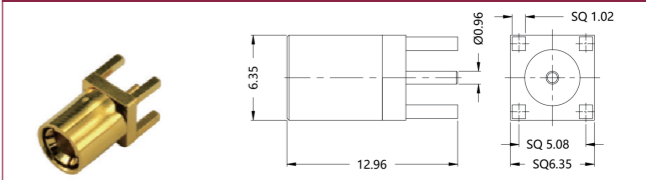
SLK P/N: 7MBM11S-A01-007  
Cable : RG179  
Frequency: 1 Ghz

SMB 75 ohm right angle male connector(PCB connector)



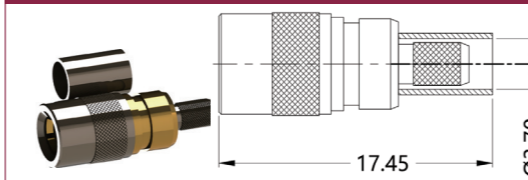
SLK P/N: 7MBM25R-P41-001  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMB 75 ohm straight male connector(PCB connector)



SLK P/N: 7MBM25S-P41-009  
Mounting: PCB through hole  
Frequency: 1 Ghz

SMB 75 ohm straight male connector (Flexible cable crimping type)



SLK P/N: 7MBM11S-A536  
Cable : RG-179D  
Frequency: 1 Ghz

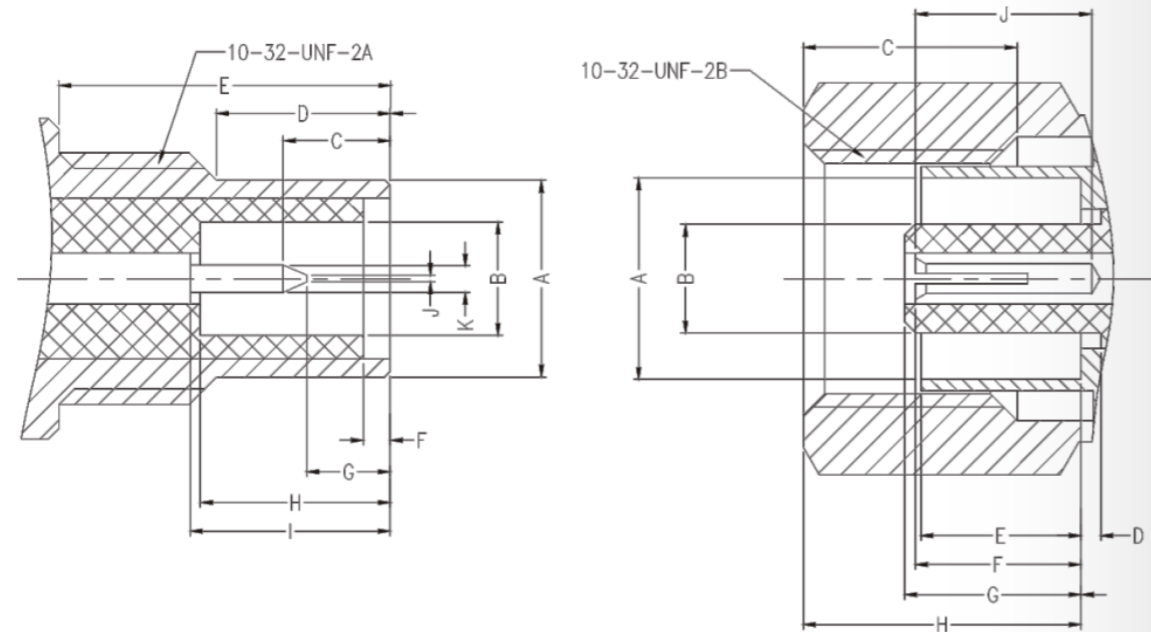
# SMC Series Connector

## SMC Series

SMC series RF coaxial connectors are ultra-small RF connectors with threaded connection and the same internal structure as SMB design.

It is small in size, light in weight, and has good shock resistance, with a frequency of up to 10 GHz.

It is mainly used in wireless communication equipment, electronic instruments and other fields



### Male

Label	Minimum	Max
A	-	3.71
B	2.08	-
C	-	2.13
D	3.12	3.38
E	5.49	-
F	0.00	-
G	0.16	-
H	3.40	-
I	3.40	-
J	-	0.25
K	0.48	0.53

### Female

Label	Minimum	Max
A	3.37	-
B	-	2.06
C	2.79	-
D	0.00	-
E	-	3.10
F	-	3.40
G	-	3.40
H	-	5.92
J	2.79	-

Note: unit mm

Reference standard: MIL-C-39012(IEC6016-9)

# SMC Series Connector

## SMC Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-10 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 6.00 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.00 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

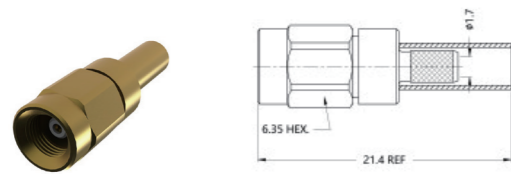
Material/Plating		
Material/Plating	Material	Coating
Main body, hardware accessories	brass	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A

Mechanical behavior	
Male and female insertion force	$\leq 14 \text{ lbs}$
Male and female pullout force	2 lbs - 14 lbs
Center pin insertion force	$\leq 2.5 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 4 \text{ lbs}$
Durability	500 times

# SMC Series Connector

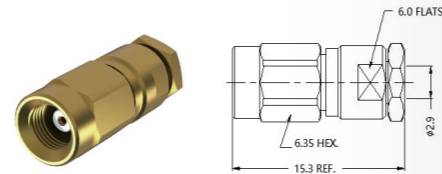
## SMC Series

SMC straight male connector(Flexible cable crimping type)



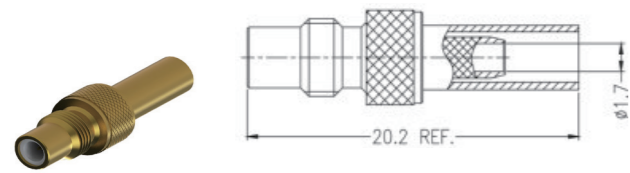
SLK P/N: 5AMM11S-A02  
Cable : RG-316  
Frequency: 3 Ghz

SMC straight male connector(Flexible cable crimping type)



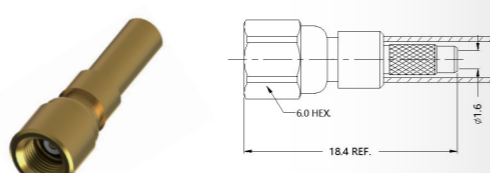
SLK P/N: 5AMM11S-A02-003  
Cable : RG-316  
Frequency: 3 Ghz

SMC straight female connector(Flexible cable crimping type)



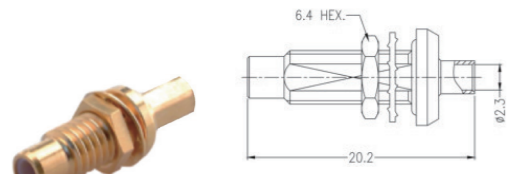
SLK P/N: 5AMF11S-A02  
Cable : RG-316  
Frequency: 3 Ghz

SMC straight male connector(Flexible cable crimping type)



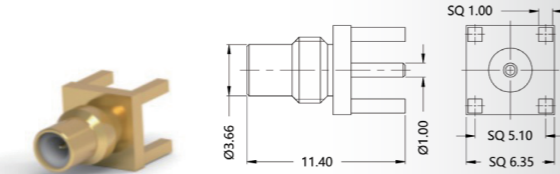
SLK P/N: 5AMM11S-A02-006  
Cable : RG-316  
Frequency: 3 Ghz

SMC straight female connector(Flexible cable crimping type)



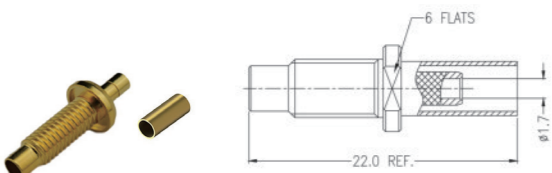
SLK P/N: 5AMF11S-A72  
Cable : 1.37 cable  
Frequency: 3 GHz

SMC straight female connector (PCB connector)



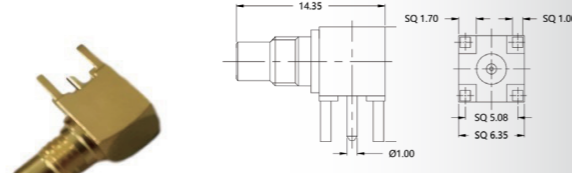
SLK P/N: 5AMF25S-P41  
Mounting: PCB through hole  
Frequency: 10 Ghz

SMC straight female connector(Flexible cable crimping type)



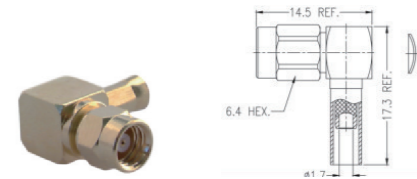
SLK P/N: 5AMF11S-A440  
Cable : Type S cable  
Frequency: 1 Ghz

SMC straight female connector (PCB connector)



SLK P/N: 5AMF25R-P41-001  
Mounting: PCB through hole  
Frequency: 10 Ghz

SMC right angle female connector(Flexible cable solder type)



SLK P/N: 5AMM11R-A02-004  
Cable : RG-316  
Frequency: 3 Ghz

# SMP Series Connector

## SMP Series

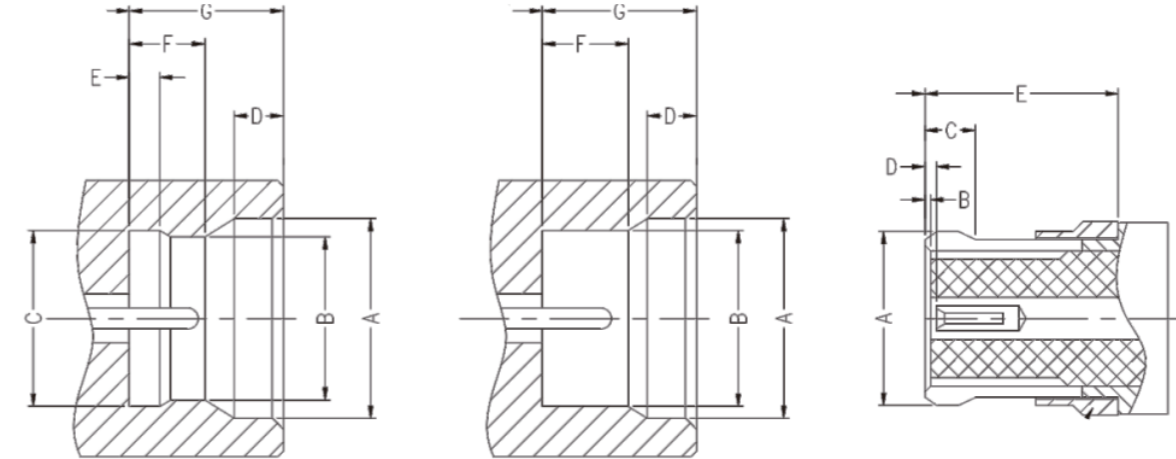
SMP series RF coaxial connector is a new type of ultra-small blind-mate RF connector.

Its application frequency is up to 40GHz.

It is small in size, excellent in electrical performance, easy to plug and unplug, and has good shock resistance.

The structural characteristics allow axial and radial directions.

There is a slight mismatch offset, which is widely used in the application of high-density blind insertion between printed circuit boards and chassis cabinets, and is used more and more widely in communication fields such as radar and aerospace.



### Male

Label	Minimum	Max
A	3.54	3.68
B(full escapement)	2.90	3.00
B(limited escapement)	3.00	3.10
B(light vertical)	3.13	3.22
C	3.15	3.20
D	0.84	0.94
E	0.52	0.60
F(full escapement)	1.30	1.44

### Female

Label	Minimum	Max
A	-	3.43
B	0.00	-
C (Wiring)	0.64	0.89
C (no Wiring)	0.46	0.64
D	0.00	0.20
E	2.84	-

Note: unit mm

Reference standard: IEEE Std 287-2007

# SMP Series Connector

## SMP Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-40 GHz
Operating Voltage	335 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 6.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, beryllium copper	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gilded
Insulator	Female head: beryllium copper, phosphor bronze	N/A
	Teflon	

Mechanical behavior	
Male and female insertion force	$\leq 15 \text{ lbs}$ (full escapement) $\leq 10 \text{ lbs}$ (limited escapement) $\leq 2 \text{ lbs}$ (light longitudinal)
Male and female pullout force	$\geq 5 \text{ lbs}$ (full escapement) $\geq 2 \text{ lbs}$ (limited escapement) $\geq 0.5 \text{ lbs}$ (light longitudinal))
Center pin insertion force	$\leq 24 \text{ ounces}$
Center pin pullout force	$\geq 0.5 \text{ ounce}$
Center pin retention	$\geq 1.5 \text{ lbs}$
Durability	100 times (full escapement)
	500times (limited escapement)
	1000times (light longitudinal))

# SMP Series Connector

## SMP Series

**SMP female to SMP female straight adapter**

SLK P/N: 5SPF06S-SPF-032  
Frequency: 18 GHz

**SMP female to SMP female straight adapter**

SLK P/N: 5SPF06S-SPF-033  
Frequency: 12 GHz

**SMP straight male connector (PCB connector)**

SLK P/N: 5SPM85S-H21-004  
Mounting: PCB end-launch  
Frequency: 12 GHz

**SMP straight male connector (PCB connector)**

SLK P/N: 5SPM25S-P40  
Mounting: PCB through hole  
Frequency: 6 GHz

**SMP straight male connector (PCB connector)**

SLK P/N: 5SPM25S-P01-027  
Frequency: 18 GHz

**SMP straight male connector (PCB connector)**

SLK P/N: 5SPM25S-P01-023  
Frequency: 18 GHz

**SMP straight male connector (PCB connector)**

SLK P/N: 5SPM25S-P41-040  
Frequency: 18 GHz

**SMP straight male connector (PCB connector)**

SLK P/N: 5SPM28S-P21-002  
Mounting: PCB end-launch  
Frequency: 18 GHz

**SMP straight male connector(Flexible cable crimping type)**

SLK P/N: 5SPM31S-A02  
Cable: RG316  
Frequency: 6 GHz

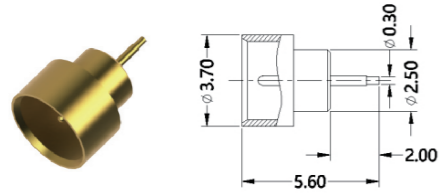
**SMP straight male connector(Flexible cable solder type)**

SLK P/N: 5SPM35S-A82  
Cable: RG405  
Frequency: 6 GHz

# SMP Series Connector

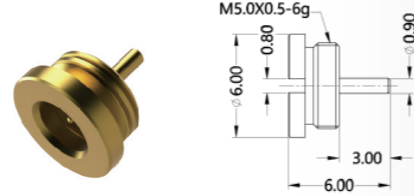
## SMP Series

SMP straight male connector (PCB connector)



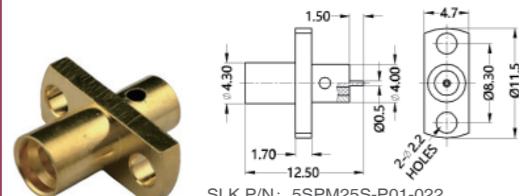
SLK P/N: 5SPM25S-P01-026  
Frequency: 18 Ghz

SMP straight male connector (PCB connector)



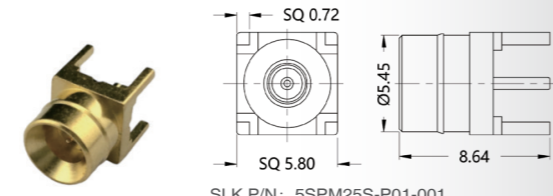
SLK P/N: 5SPM25S-P01-031  
Frequency: 18 Ghz

SMP straight male connector (PCB connector)



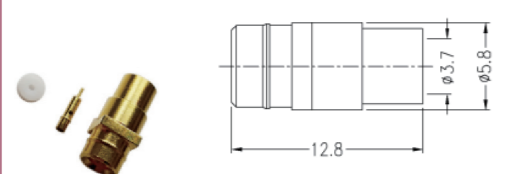
SLK P/N: 5SPM25S-P01-022  
Mounting: 2 hole flange  
Frequency: 3 Ghz

SMP straight male connector (PCB connector)



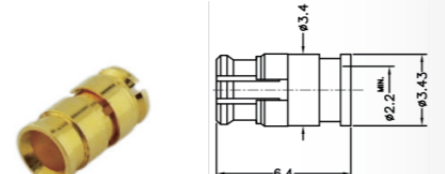
SLK P/N: 5SPM25S-P01-001  
Mounting: PCB hole flange  
Frequency: 6 Ghz

SMP straight male connector(Flexible cable solder type)



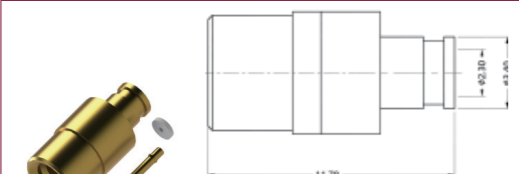
SLK P/N: 5SPM14S-S02  
Cable : RG402  
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)



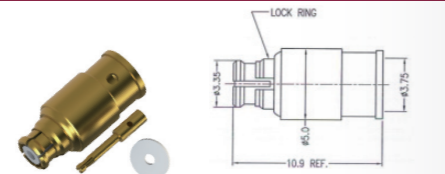
SLK P/N: 5SPF15S-S01-001  
Cable : F086 CABLE  
Frequency: 6 Ghz

SMP straight male connector(Flexible cable solder type)



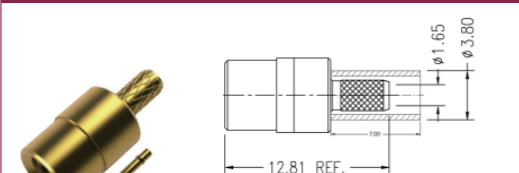
SLK P/N: 5SPM15S-S01-006  
Cable : RG405  
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)



SLK P/N: 5SPF15S-A81-001  
Cable : TFLEX-402 141 CABLE  
Frequency: 18 Ghz

SMP straight male connector(Flexible cable solder type)



SLK P/N: 5SPM11S-A02  
Cable : RG316  
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)

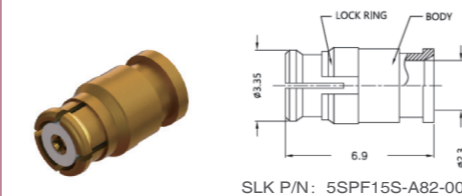


SLK P/N: 5SPF15S-S02-001  
Cable : RG402  
Frequency: 6 Ghz

# SMP Series Connector

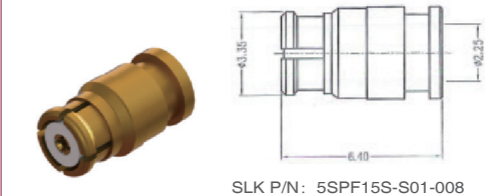
## SMP Series

SMP straight female connector(Flexible cable solder type)



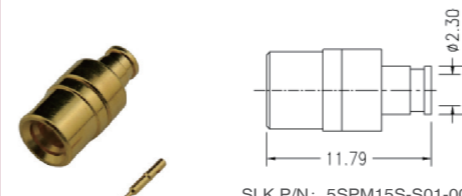
SLK P/N: 5SPF15S-A82-006  
Cable : TFLEX-405  
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



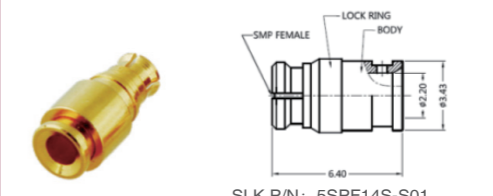
SLK P/N: 5SPF15S-S01-008  
Cable : 670-086-SXE  
Frequency: 18 Ghz

SMP straight male connector(Flexible cable solder type)



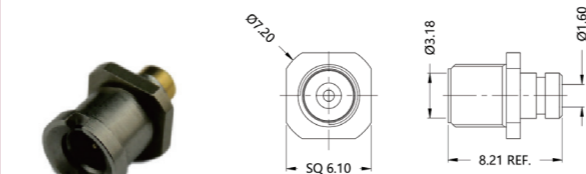
SLK P/N: 5SPM15S-S01-006  
Cable : RG405(086")  
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)



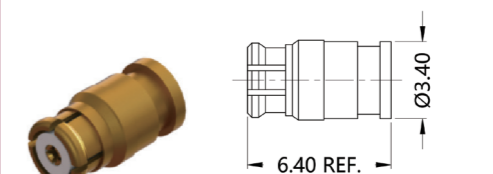
SLK P/N: 5SPF14S-S01  
Cable : 086"  
Frequency: 6 Ghz

SMP straight male connector(Flexible cable solder type)



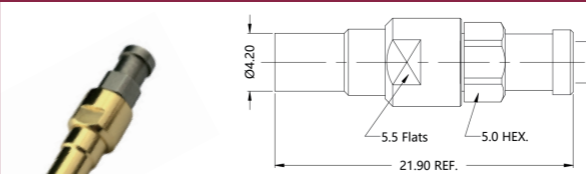
SLK P/N: 5SPM15S-S04-001  
Cable : TFLEX-047  
Frequency: 18 Ghz

SMP straight female connector(Flexible cable solder type)



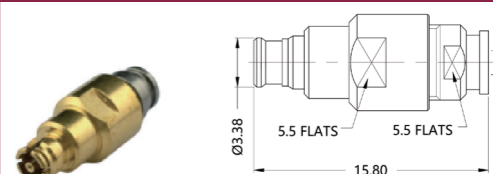
SLK P/N: 5SPF15S-S04-002  
Cable : 047"  
Frequency: 11 Ghz

SMP straight male connector(Flexible cable solder type)



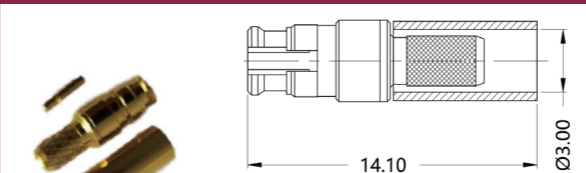
SLK P/N: 5SPM15S-A82-002  
Cable : TFLEX405(0.86")  
Frequency: 26.5 Ghz

SMP straight female connector(Flexible cable solder type)



SLK P/N: 5SPF15S-A420-001  
Cable : 047 CABLE  
Frequency: 40 Ghz

SMP straight female connector(Flexible cable crimping type)



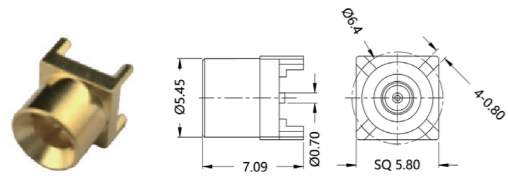
SLK P/N: 5SPF11S-A02-002  
Cable : RG316  
Frequency: 6 Ghz



# SMP Series Connector

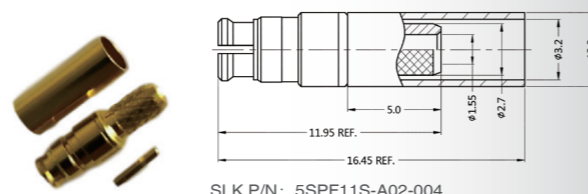
## SMP Series

SMP straight male connector (PCB connector)



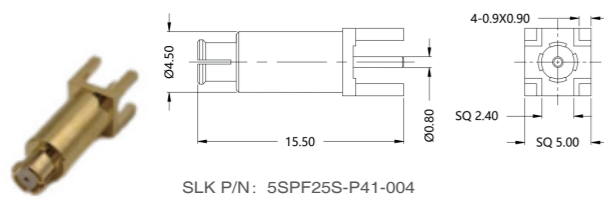
SLK P/N: 5SPM25S-P41-007  
Mounting: PCB through hole  
Frequency: 3 Ghz

SMP straight female connector(Flexible cable crimping type)



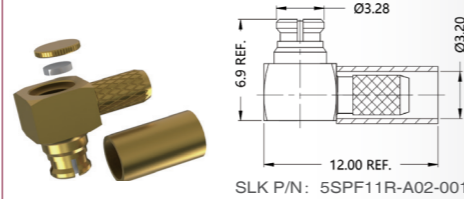
SLK P/N: 5SPF11S-A02-004  
Cable : LMR-100A  
Frequency: 6 Ghz

SMP straight female connector (PCB connector)



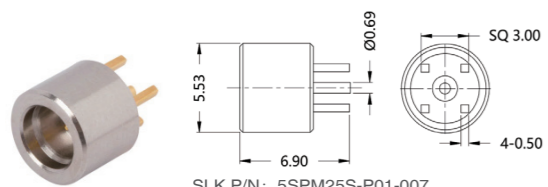
SLK P/N: 5SPF25S-P41-004  
Mounting: PCB through hole  
Frequency: 18 Ghz

SMP right angle female connector(Flexible cable crimping type)



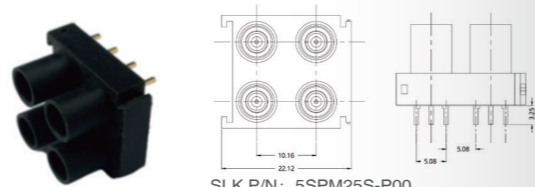
SLK P/N: 5SPF11R-A02-001  
Cable : RG-316/U, RG-174/U  
Frequency: 6 Ghz

SMP straight male connector (PCB connector)



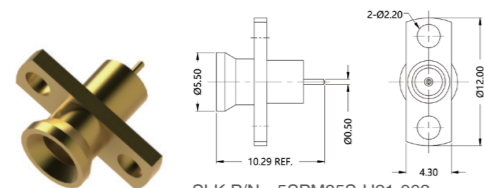
SLK P/N: 5SPM25S-P01-007  
Mounting: PCB through hole  
Frequency: 18 Ghz

SMP straight male connector(PCB connector)



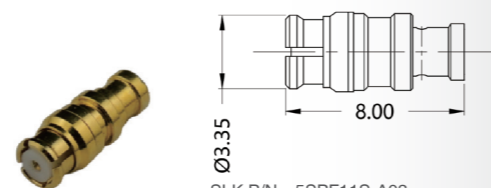
SLK P/N: 5SPM25S-P00  
Mounting: PCB through hole  
Frequency: 26.5 Ghz

SMP straight male connector (PCB connector)



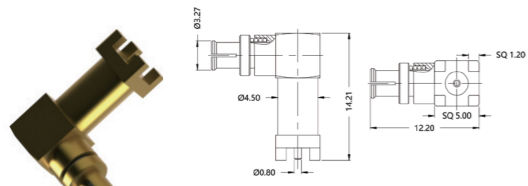
SLK P/N: 5SPM85S-H21-003  
Mounting: 2 hole flange  
Frequency: 12 Ghz

SMP straight female connector(Flexible cable solder type)



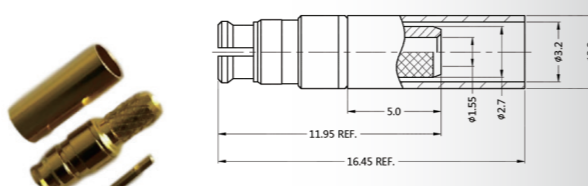
SLK P/N: 5SPF11S-A03  
Cable : RG178  
Frequency: 6 Ghz

SMP right angle female connector (PCB connector)



SLK P/N: 5SPF25R-P41  
Mounting: PCB through hole  
Frequency: 6 Ghz

SMP straight female connector(Flexible cable crimping type)

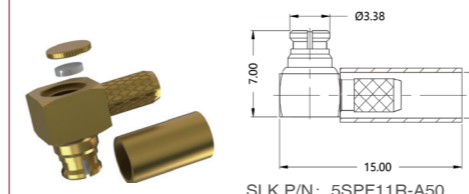


SLK P/N: 5SPF11S-A50-003  
Cable : RG316D  
Frequency: 6 Ghz

# SMP Series Connector

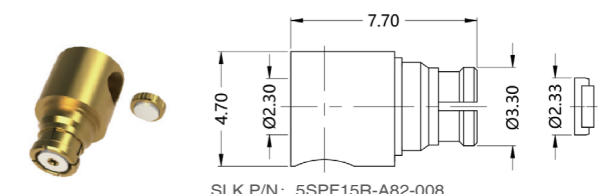
## SMP Series

SMP right angle female connector(Flexible cable crimping type)



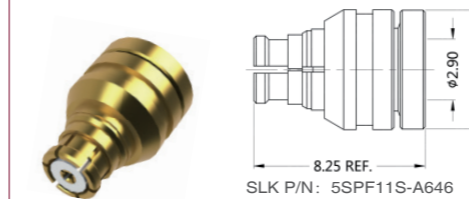
SLK P/N: 5SPF11R-A50  
Cable : RG316D  
Frequency: 6 Ghz

SMP right angle female connector(Flexible cable solder type)



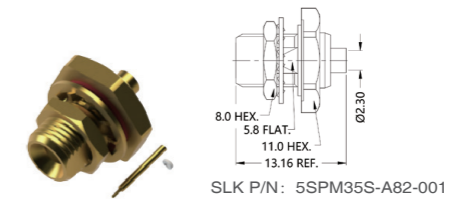
SLK P/N: 5SPF15R-A82-008  
Cable : TFLEX405(0.86")  
Frequency: 32 Ghz

SMP straight female connector(Flexible cable solder type)



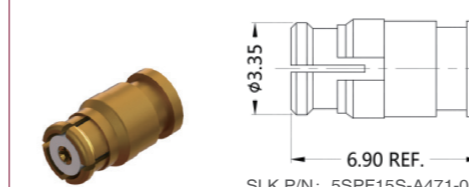
SLK P/N: 5SPF11S-A646  
Cable : TBEND-250-L  
Frequency: 40 Ghz

SMP straight male connector(Flexible cable solder type)



SLK P/N: 5SPM35S-A82-001  
Cable : TFLEX-405(.086")  
Frequency: 18 Ghz

SMP straight female connector(Semi flexible cable solder type)



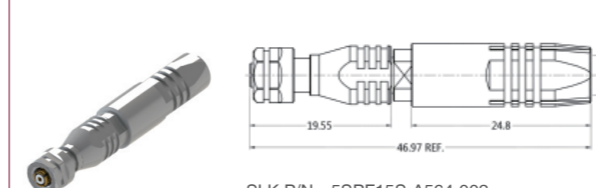
SLK P/N: 5SPF15S-A471-001  
Cable : .086" CABLE  
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



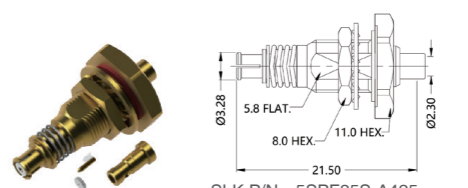
SLK P/N: 5SPF15S-A420-002  
Cable : .047 CABLE  
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



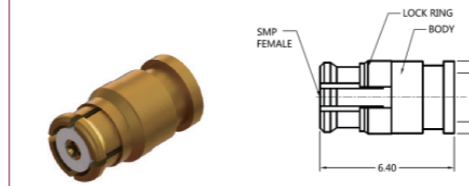
SLK P/N: 5SPF15S-A564-002  
Cable : SPB-230-P  
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



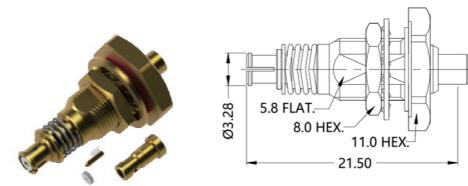
SLK P/N: 5SPF35S-A425  
Cable :  $\phi$ 1.32 CABLE  
Frequency: 18 Ghz

SMP straight female connector(Flexible cable solder type)



SLK P/N: 5SPF15S-A82-001  
Cable : TFLEX-405  
Frequency: 18 Ghz

SMP straight female connector(Flexible cable solder type)

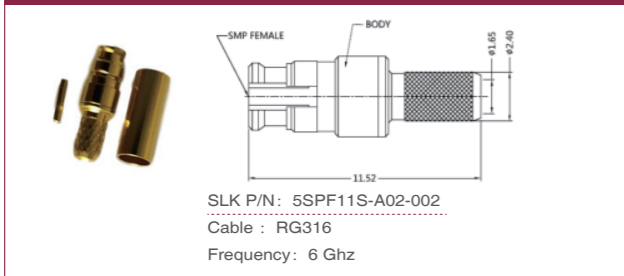


SLK P/N: 5SPF35S-A60  
Cable :  $\phi$ 1.13 CABLE  
Frequency: 18 Ghz

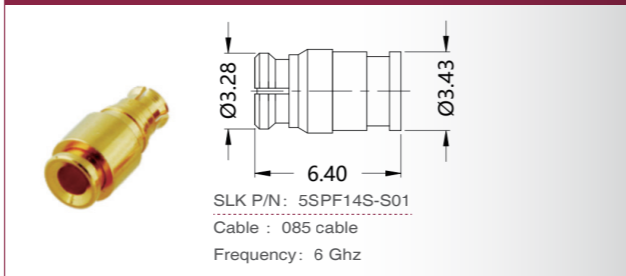
# SMP Series Connector

## SMP Series

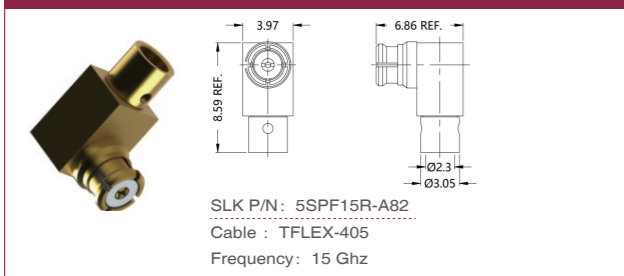
SMP straight female connector(Flexible cable crimping type)



SMP straight female connector(Semi-steel cable solder type)



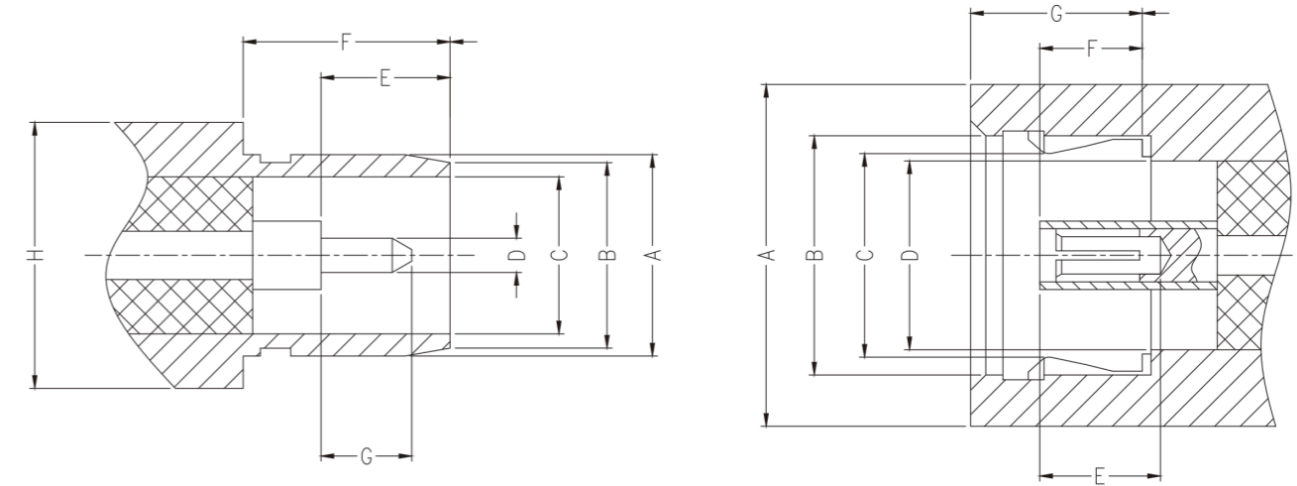
SMP right angle female connector(Flexible cable solder type)



# BMA Series Connector

## BMA Series

The BMA series RF coaxial connector is a new type of push-in blind-mate RF connector. The interface interface adopts air interface, and the operating frequency reaches 22 GHz. It has the characteristics of small size, reliable contact, superior mechanical and electrical performance, and convenient docking. It is mainly used in modular blind mating systems such as radar chassis and cabinets, as well as other microwave circuit connections



### Male

Label	Minimum	Max
A	5.30	5.35
B	4.88(regular value)	
C	4.88(regular value)	
D	0.90	0.94
E	3.25	-
F	5.03	-
G	2.29(regular value)	
H	7.62(regular value)	

### Female

Label	Minimum	Max
A	7.37	-
B	5.71	-
C	-	5.08
D	4.88(regular value)	
E	2.92	-
F	3.05	3.22
G	-	4.95

Note: unit mm  
Reference standard: MIL-STD-348A(IEC 61169-33)

# BMA Series Connector

## BMA Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-18 GHz
Operating Voltage	335 V(RMS)
Medium pressure	1000 V(RMS)
Conductor resistance	Inner conductor: $\leq 3.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

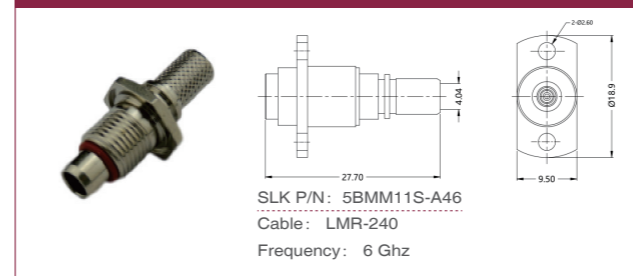
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, beryllium copper	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gold-plated, silver-plated
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 3 \text{ lbs}$
Male and female pullout force	$\geq 3 \text{ ounces}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

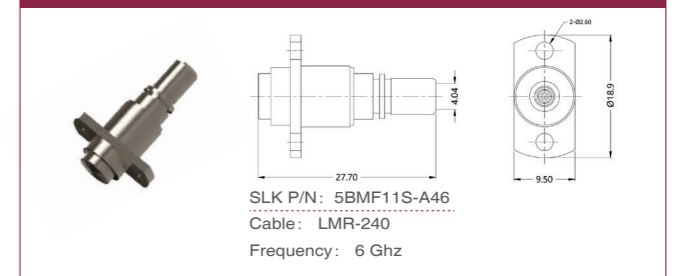
# BMA Series Connector

## BMA Series

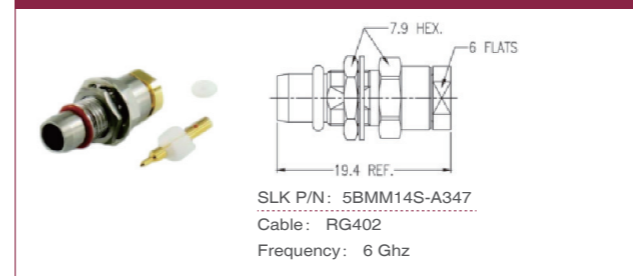
### BMA straight male connector(Flexible cable crimping type)



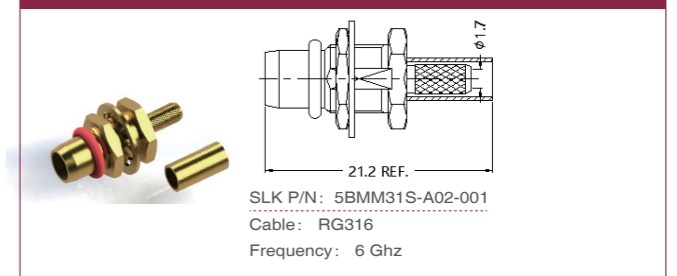
### BMA straight female connector(Flexible cable crimping type)



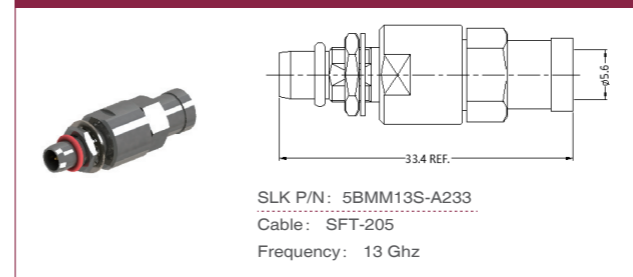
### BMA straight male connector(Flexible cable solder type)



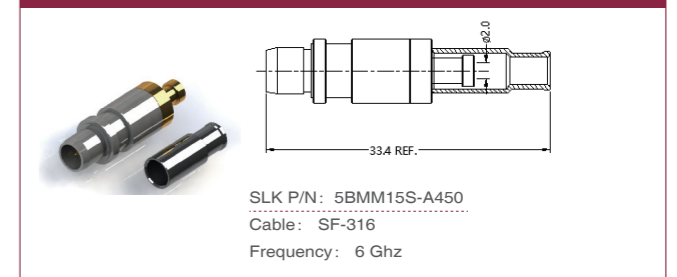
### BMA straight male connector(Flexible cable crimping type)



### BMA straight male connector(Flexible cable solder type)



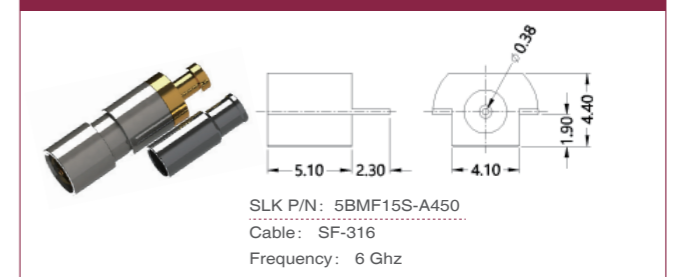
### BMA straight male connector(Flexible cable crimping type)



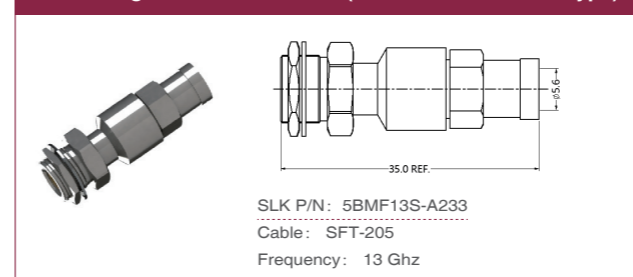
### BMA straight female connector(Flexible cable solder type)



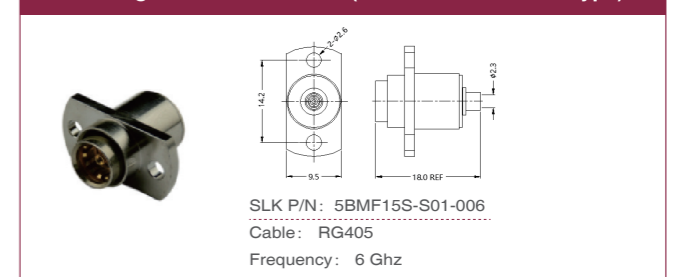
### BMA straight female connector(Flexible cable crimping type)



### BMA straight female connector(Flexible cable solder type)



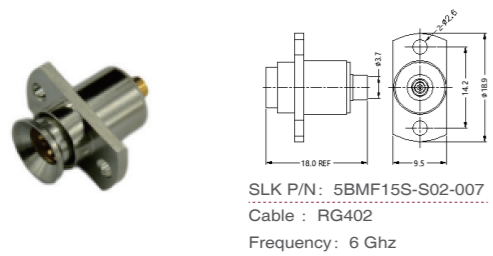
### BMA straight female connector(Flexible cable solder type)



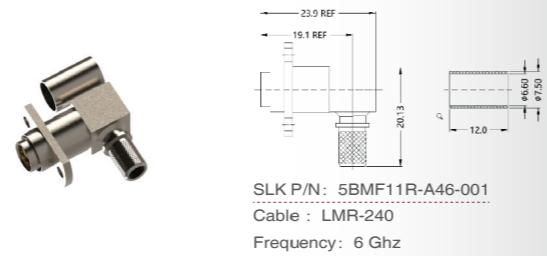
# BMA Series Connector

## BMA Series

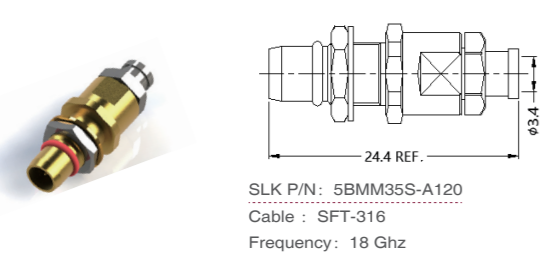
### BMA straight female connector(Flexible cable solder type)



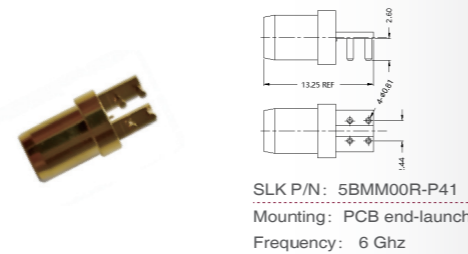
### BMA straight female connector(Flexible cable crimping type)



### BMA straight male connector(Flexible cable solder type)



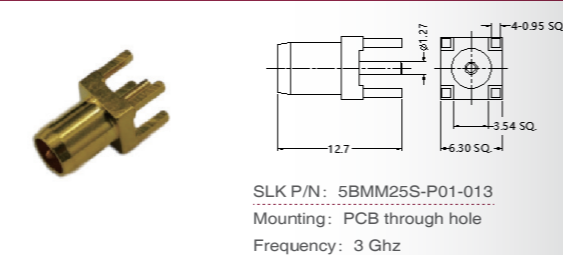
### BMA right angle male connector



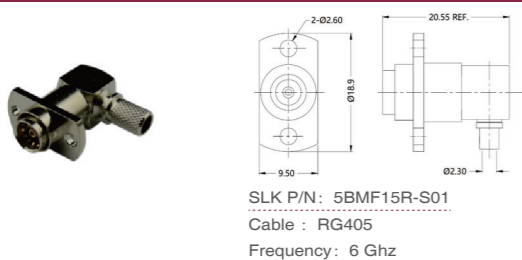
### BMA right angle female connector(Flexible cable solder type)



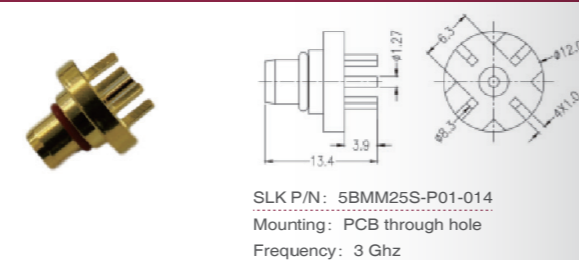
### BMA straight male connector (PCB connector)



### BMA right angle female connector(Flexible cable crimping type)



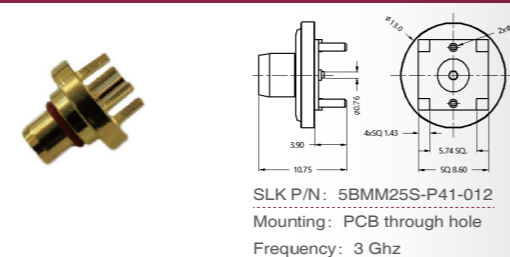
### BMA straight male connector (PCB connector)



### BMA right angle female connector(Flexible cable crimping type)



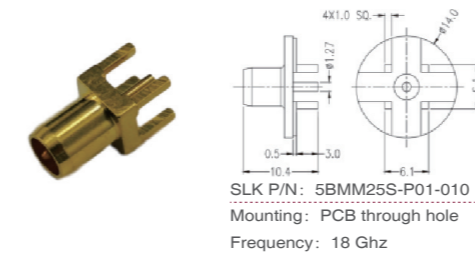
### BMA straight male connector (PCB connector)



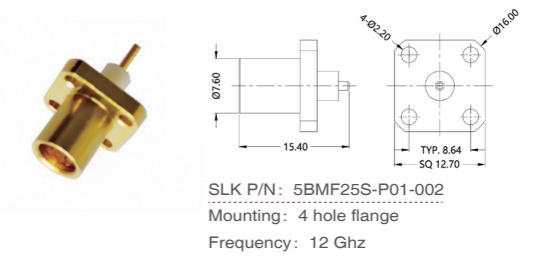
# BMA Series Connector

## BMA Series

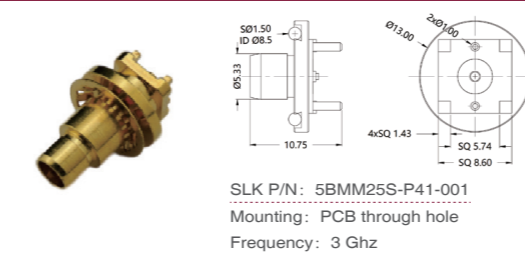
### BMA straight male connector (PCB connector)



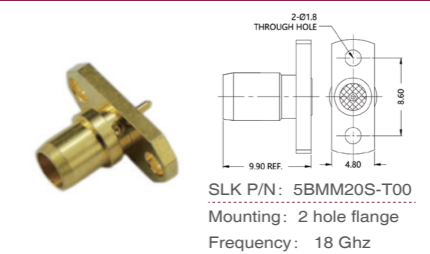
### BMA straight female connector (PCB connector)



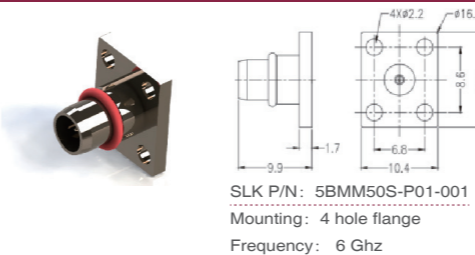
### BMA straight male connector (PCB connector)



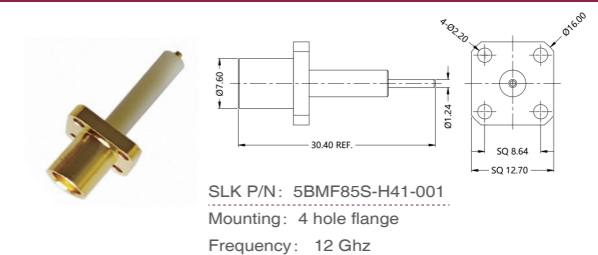
### BMA straight male connector (PCB connector)



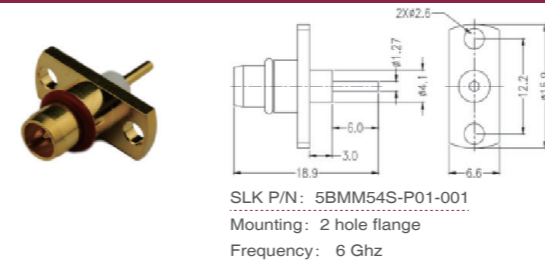
### BMA straight male connector (PCB connector)



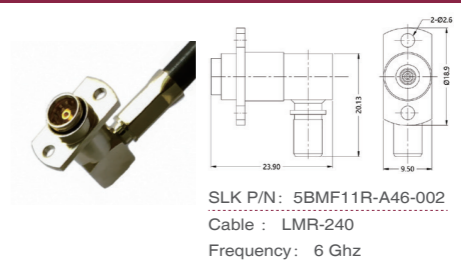
### BMA straight female connector (PCB connector)



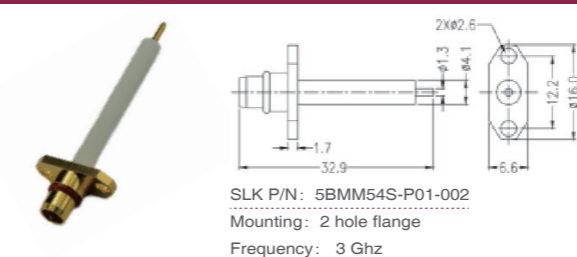
### BMA straight male connector (PCB connector)



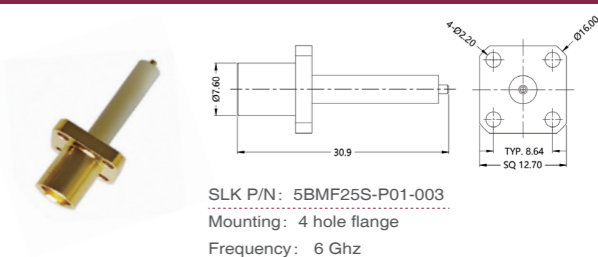
### BMA straight female connector (PCB connector)



### BMA straight male connector (PCB connector)



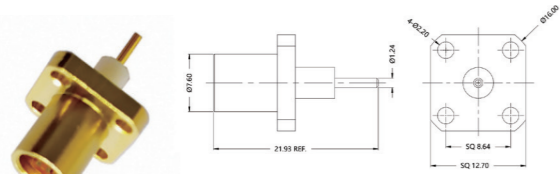
### BMA straight female connector (PCB connector)



# BMA Series Connector

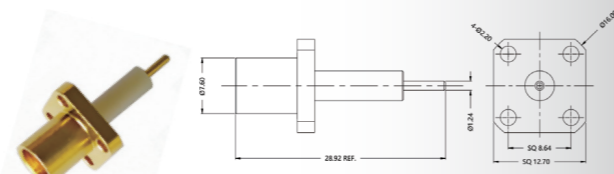
## BMA Series

### BMA straight female connector (PCB connector)



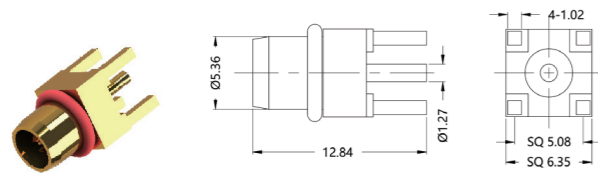
SLK P/N: 5BMF25S-P01-005  
Mounting: 4 hole flange  
Frequency: 12 Ghz

### BMA straight female connector (PCB connector)



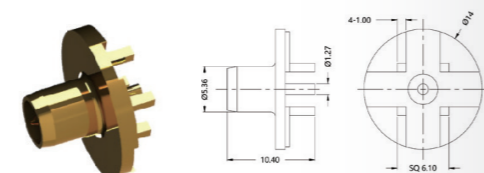
SLK P/N: 5BMF85S-H41  
Mounting: 4 hole flange  
Frequency: 12 Ghz

### BMA straight male connector (PCB connector)



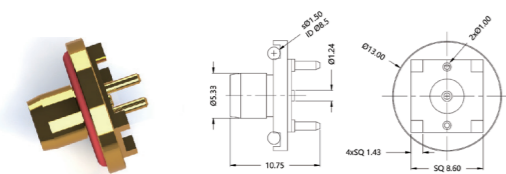
SLK P/N: 5BMM04S-P01  
Mounting: PCB through hole  
Frequency: 3 Ghz

### BMA straight male connector (PCB connector)



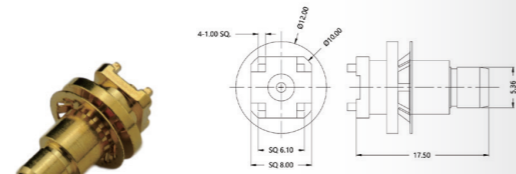
SLK P/N: 5BMM25S-P01  
Mounting: PCB through hole  
Frequency: 20 Ghz

### BMA straight male connector (PCB connector)



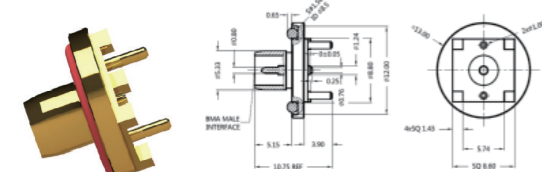
SLK P/N: 5BMM25S-P41-005  
Mounting: PCB through hole  
Frequency: 12 Ghz

### BMA straight male connector (PCB connector)



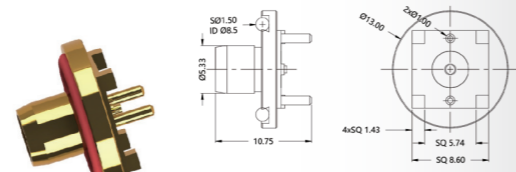
SLK P/N: 5BMM25S-P41-006  
Mounting: PCB through hole  
Frequency: 3 Ghz

### BMA straight male connector (PCB connector)



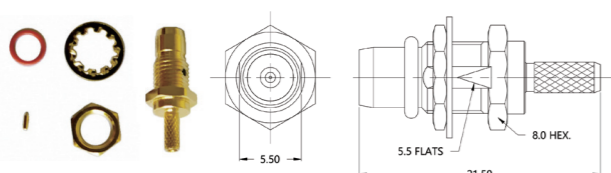
SLK P/N: 5BMM25S-P41-010  
Mounting: PCB through hole  
Frequency: 12 Ghz

### BMA straight male connector (PCB connector)



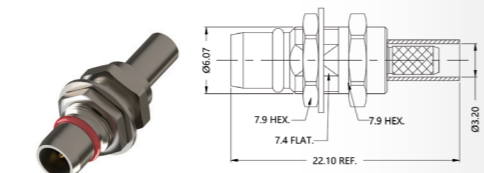
SLK P/N: 5BMM25S-P41-011  
Mounting: PCB through hole  
Frequency: 12 Ghz

### BMA straight male connector



SLK P/N: 5BMM35S-A00  
Frequency: 3 Ghz

### BMA straight male connector (Flexible cable crimping type)

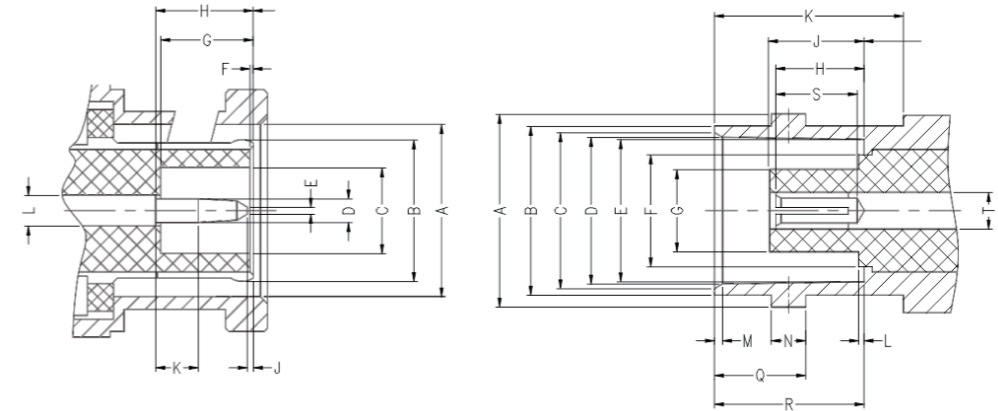


SLK P/N: 5BMM11S-A02-003  
Cable: RG-174  
Frequency: 13 Ghz

# BNC Series Connector

## BNC Series

BNC series RF coaxial connector is a kind of lock connector based on the US military standard MIL-C-39012. It has the characteristics of fast connection and reliable contact. It is widely used in radio equipment, television broadcast transmission and electronic instruments.



### Male

Label	Minimum	Max
A	9.78	9.91
B	Note 1	
C	4.83	-
D	1.32	1.37
E	0.00	0.64
F	0.15	-
G	5.28	5.79
H	5.33	5.48
J	0.08	-
K	1.98	-
L	2.06	2.21
M	-	-
N	-	-
Q	-	-
R	-	-
S	-	-
T	-	-

### Female

Label	Minimum	Max
A	10.97	11.07
B	9.60	9.70
C	8.79	9.04
D	8.31	8.46
E	8.10	8.15
F	-	6.50
G	-	4.72
H	4.72	5.23
J	4.78	5.28
K	10.52	-
L	-	0.15
M	0.38	0.76
N	1.91	2.06
Q	5.18	5.28
R	8.31	8.51
S	4.95	-
T	2.06	2.21

Note: unit mm

1.. The size matching the female head meets the corresponding mechanical and electrical properties.

Reference standard: MIL-C-39012(GJB6B1A,IEC60169-8)

# BNC Series Connector

## BNC Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-4 GHz
Operating Voltage	500 V(RMS)
Medium pressure	1500 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.5$ m $\Omega$ (initial value)
	Outer conductor: $\leq 0.2$ m $\Omega$ (initial value)
Insulation resistance	$\geq 5000$ m $\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

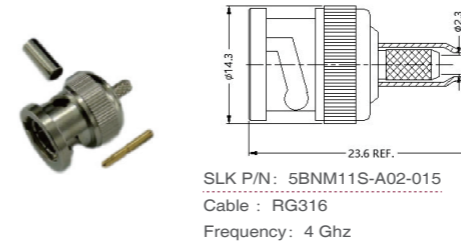
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Nickel-plated, passivated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Shell pull	$\geq 100$ lbs
Center pin insertion force	$\leq 2$ lbs
Center pin pull-out force	$\geq 2$ ounces
Center pin retention	$\geq 6$ lbs
Durability	500 times

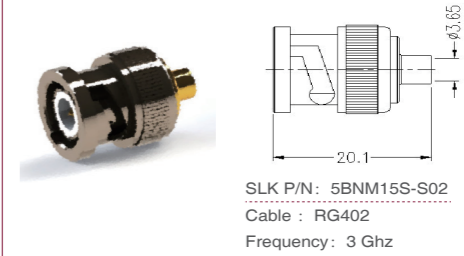
# BNC Series Connector

## BNC Series

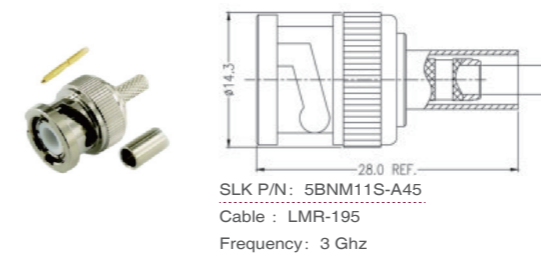
### BNC straight male connector(Flexible cable crimping type)



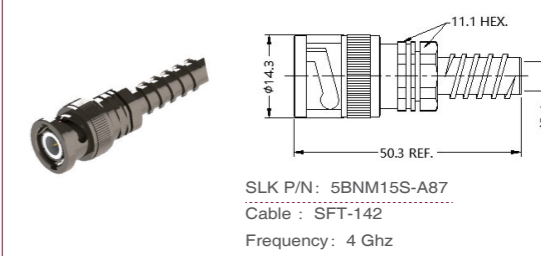
### BNC straight male connector(Flexible cable solder type)



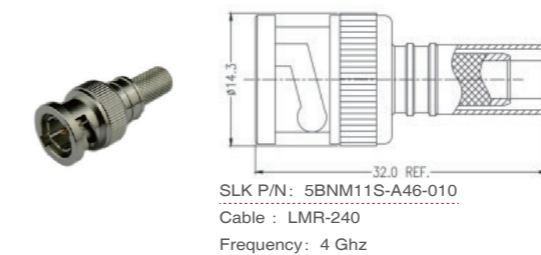
### BNC straight male connector(Flexible cable crimping type)



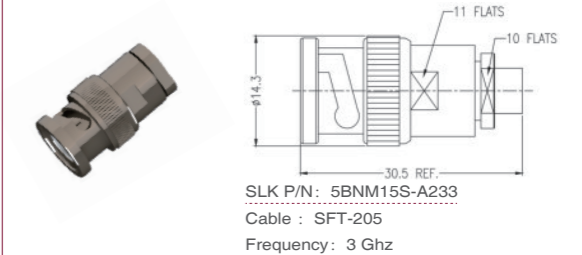
### BNC straight male connector(Flexible cable jacket solder type)



### BNC straight male connector(Flexible cable crimping type)



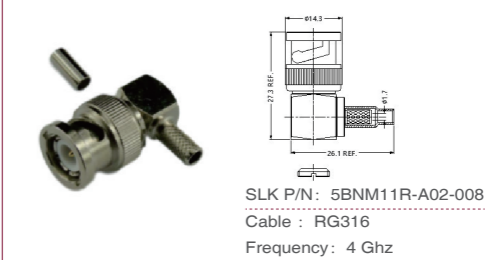
### BNC straight male connector(Flexible cable solder type)



### BNC straight male connector(Flexible cable solder type)



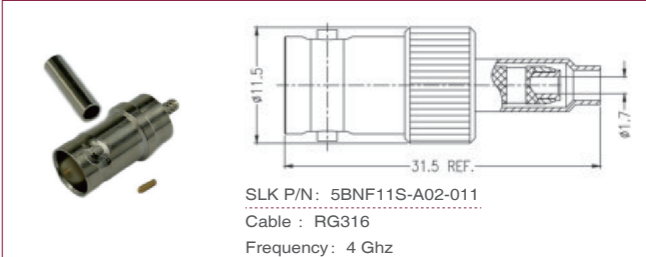
### BNC right angle male connector(Flexible cable crimping type)



### BNC straight male connector(Flexible cable solder type)



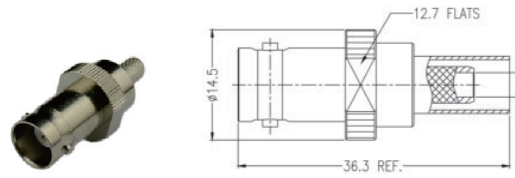
### BNC straight female connector(Flexible cable crimping type)



# BNC Series Connector

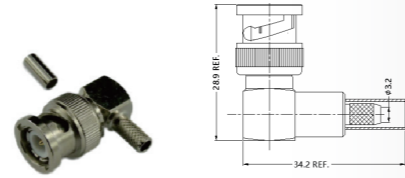
## BNC Series

BNC straight female connector(Flexible cable crimping type)



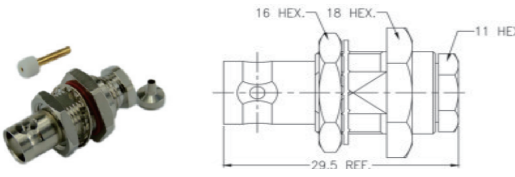
SLK P/N: 5BNF11S-A41-005  
Cable : RG58/LMR-195  
Frequency: 3 GHz

BNC right angle male connector(Flexible cable crimping type)



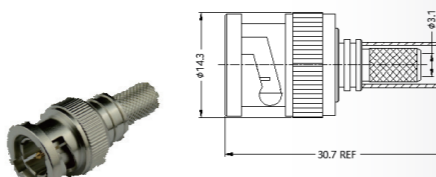
SLK P/N: 5BNM11R-A41-011  
Cable : RG58  
Frequency: 4 Ghz

BNC right angle female connector(Flexible cable solder type)



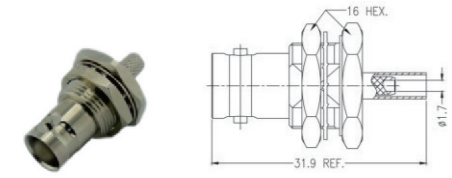
SLK P/N: 5BNF15S-A02  
Cable : RG316  
Frequency: 3 Ghz

BNC straight male connector(Flexible cable crimping type)



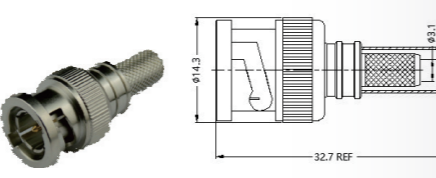
SLK P/N: 5BNM11S-A41-027  
Cable : RG58  
Frequency: 3.0GHz

BNC straight female connector(Flexible cable crimping type)



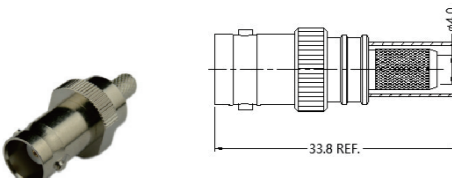
SLK P/N: 5BNF35S-A02-005  
Cable : RG316  
Frequency: 3 Ghz

BNC straight male connector(Flexible cable crimping type)



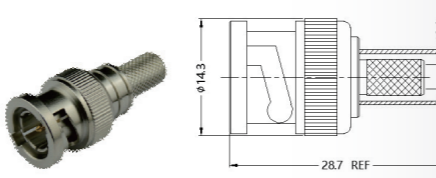
SLK P/N: 5BNM11S-A200-001  
Cable : TCOM-200  
Frequency: 4.0GHz

BNC straight female connector(Flexible cable crimping type)



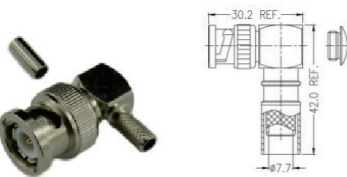
SLK P/N: 5BNF31S-A46  
Cable : LMR-240  
Frequency: 4 Ghz

BNC straight male connector(Flexible cable crimping type)



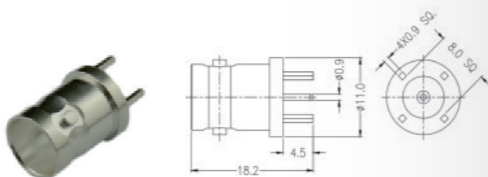
SLK P/N: 5BNM11S-A09-004  
Cable : RG223  
Frequency: 4 Ghz

BNC right angle female connector(Flexible cable crimping type)



SLK P/N: 5BNM11R-A11-001  
Cable : LMR-400  
Frequency: 3 Ghz

BNC straight female connector (PCB connector)

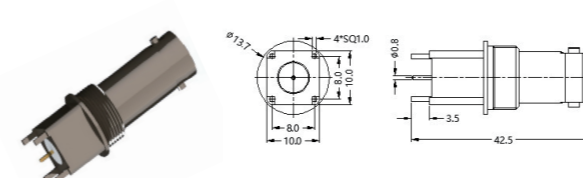


SLK P/N: 5BNF05S-P10  
Mounting: PCB through hole  
Frequency: 3 Ghz

# BNC Series Connector

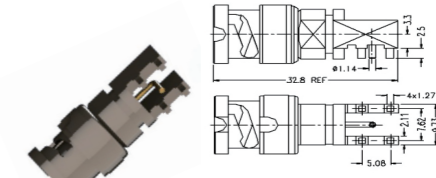
## BNC Series

BNC straight female connector (PCB connector)



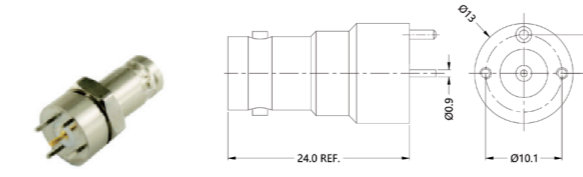
SLK P/N: 5BNF25S-P41-003  
Mounting: PCB through hole  
Frequency: 3 Ghz

BNC right angle male connector (PCB connector)



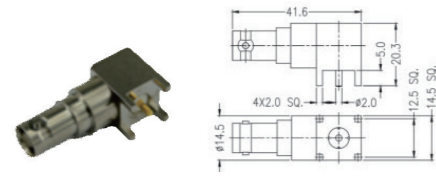
SLK P/N: 5BNM25R-P41  
Mounting: PCB through hole  
Frequency: 4 Ghz

BNC straight female connector (PCB connector)



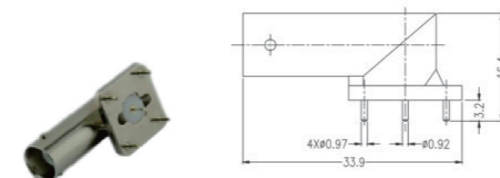
SLK P/N: 5BNF25S-P00-004  
Mounting: PCB through hole  
Frequency: 3 Ghz

BNC right angle female connector (PCB connector)



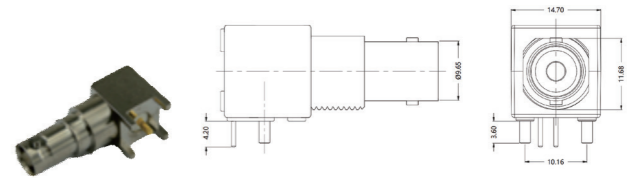
SLK P/N: 5BNF25R-P00-004  
Mounting: PCB through hole  
Frequency: 3 Ghz

BNC right angle female connector (PCB connector)



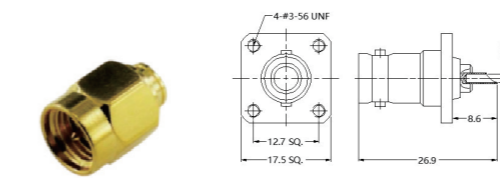
SLK P/N: 5BNF25R-P00-001  
Mounting: PCB through hole  
Frequency: 3 Ghz

BNC right angle female connector (PCB connector)



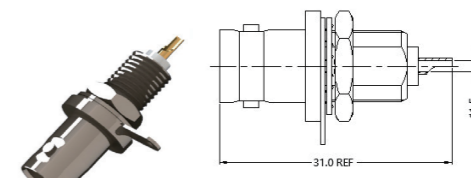
SLK P/N: 5BNF25R-P42  
Mounting: PCB through hole  
Frequency: 1 Ghz

BNC straight female connector (PCB connector)



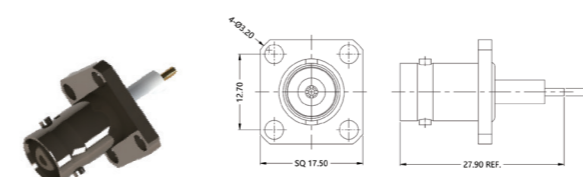
SLK P/N: 5BNF85S-A00-002  
Mounting: 4 hole flange  
Frequency: 4 Ghz

BNC straight female connector (PCB connector)



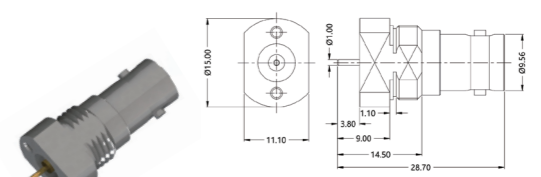
SLK P/N: 5BNF11S-P01  
Mounting: Bulkhead solder  
Frequency: 4 Ghz

BNC straight female connector (PCB connector)



SLK P/N: 5BNF45S-P02  
Mounting: 4 hole flange  
Frequency: 6 Ghz

BNC straight female connector (PCB connector)

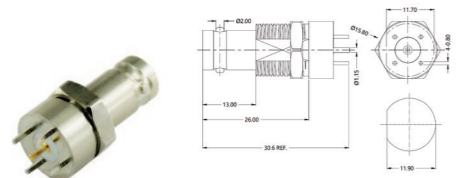


SLK P/N: 5BNF25S-P01-022  
Mounting: Bulkhead solder  
Frequency: 4 Ghz

# BNC Series Connector

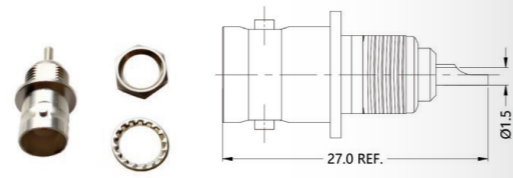
## BNC Series

### BNC straight female connector (PCB connector)



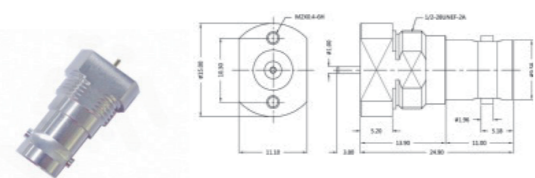
SLK P/N: 5BNF05S-P10-002  
Mounting: PCB through hole  
Frequency: 3 Ghz

### BNC straight female connector(Bulkhead solder type)



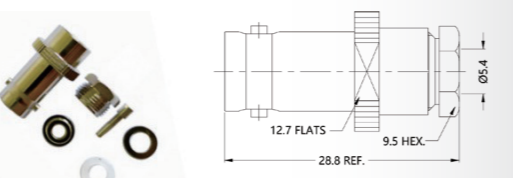
SLK P/N: 5BNF11S-A00-004  
Cable : RG316  
Frequency: 3 Ghz

### BNC straight female connector



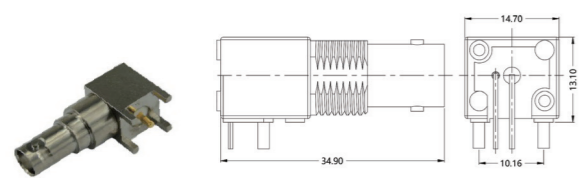
SLK P/N: 5BNF25S-P01-022  
Mounting: Bulkhead solder  
Frequency: 4 Ghz

### BNC straight female connector(Flexible cable screw type)



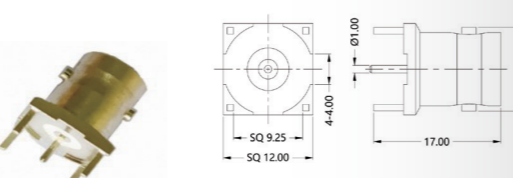
SLK P/N: 5BNF14S-A41-001  
Cable : RG58  
Frequency: 4 Ghz

### BNC right angle female connector(PCB connector)



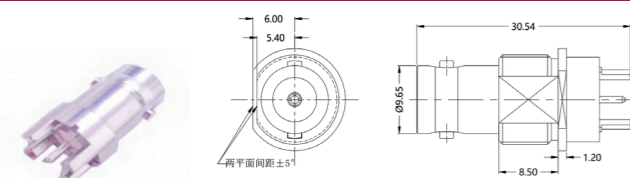
SLK P/N: 5BNF25R-P00  
Mounting: PCB through hole  
Frequency: 4 Ghz

### BNC straight female connector(PCB connector)



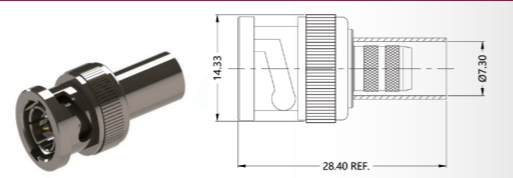
SLK P/N: 5BNF25S-P41-016  
Mounting: PCB through hole  
Frequency: 4 Ghz

### BNC straight female connector(PCB connector)



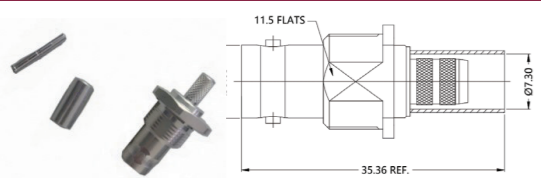
SLK P/N: 7BNF25S-P41-008  
Mounting: PCB through hole  
Frequency: 12 Ghz

### BNC straight male connector(Flexible cable crimping type)



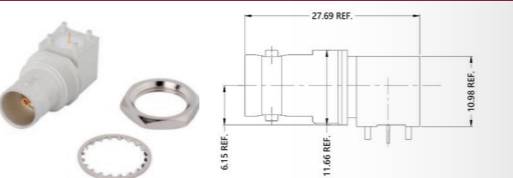
SLK P/N: 7BNM11S-A519-004  
Cable : 1694A  
Frequency: 12 Ghz

### BNC straight female connector (Flexible cable crimping type)



SLK P/N: 7BNF11S-A519  
Cable : 1694A  
Frequency: 12 Ghz

### BNC right angle female connector

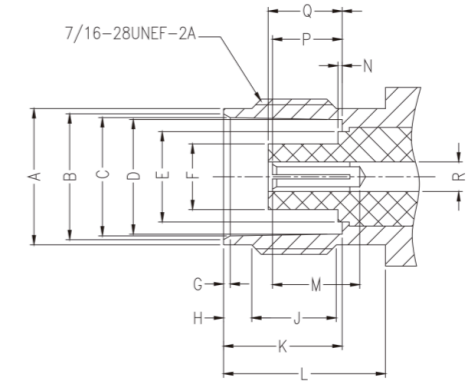
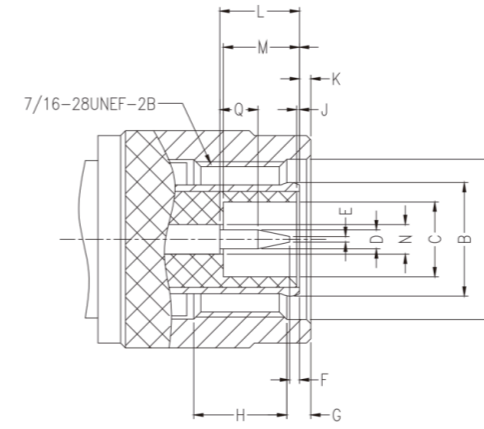


SLK P/N: 7BNF25R-P41-005  
Mounting: PCB through hole  
Frequency: 12 Ghz

# TNC Series Connector

## TNC Series

TNC series RF coaxial connectors are small and medium-power RF connectors with threaded connection structure. It has the characteristics of strong shock resistance, high reliability, and excellent mechanical and electrical performance.



### Male

Label	Minimum	Max
A	11.18	-
B	-	4.59
C	4.83	3.43
D	1.32	0.25
E	-	2.54
F	0.08	0.25
G	1.60	0.94
H	3.69	0.38
J	0.15	1.30
K	-	1.14
L	5.33	-
M	5.28	-
N	2.06	-
Q	1.98	-

### Female

Label	Minimum	Max
A	9.60	9.68
B	8.79	9.04
C	8.31	8.46
D	8.10	8.15
E	-	6.50
F	-	4.72
G	0.38	0.76
H	1.73	2.24
J	4.75	-
K	8.31	8.51
L	10.52	-
M	4.95	-
N	-	0.15
P	4.72	5.23
Q	4.78	5.28
R	2.06	2.21

Note: unit mm

1. The size matching the female head meets the corresponding mechanical and electrical properties.

Reference standard: MIL-C-39012(GJB681A,IEC6016-9)



# TNC Series Connector

## TNC Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-18 GHz
Operating Voltage	500 V(RMS)
Medium pressure	1500 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.5 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.2 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass	Nickel-plated、Ternary plated alloy
Inner conductor	Male head: brass	Gold-plated、Silver-plated
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread torque	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pullout force	$\geq 2 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

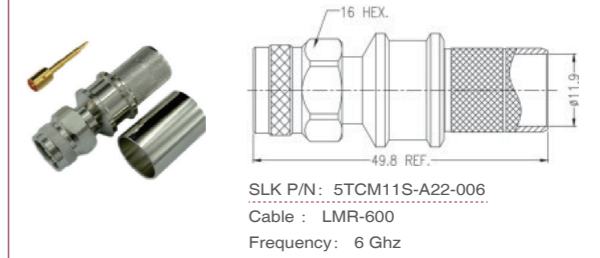
# TNC Series Connector

## TNC Series

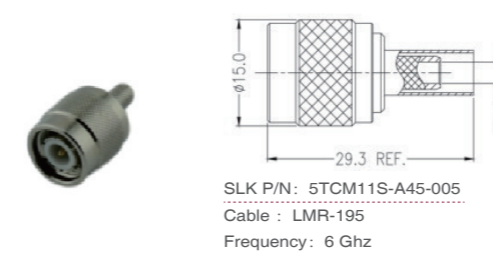
### TNC straight male connector (Flexible cable crimping type)



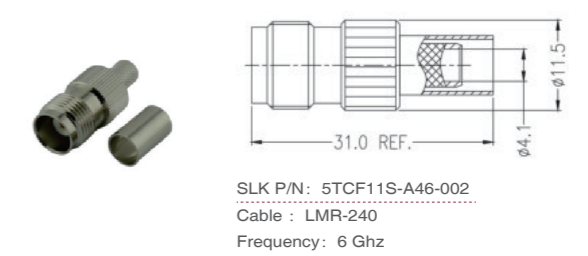
### TNC straight male connector (Flexible cable crimping type)



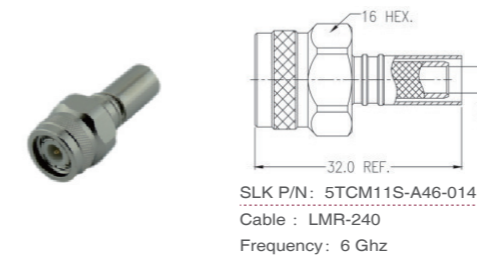
### TNC straight male connector (Flexible cable crimping type)



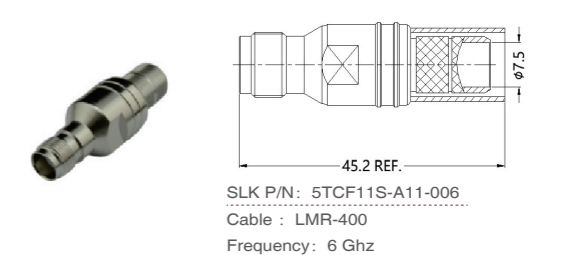
### TNC straight female connector (Flexible cable crimping type)



### TNC straight male connector (Flexible cable crimping type)



### TNC straight male connector (Flexible cable crimping type)



### TNC straight male connector (Flexible cable crimping type)



### TNC straight female connector (Flexible cable crimping type)



### TNC straight female connector (Flexible cable crimping type)



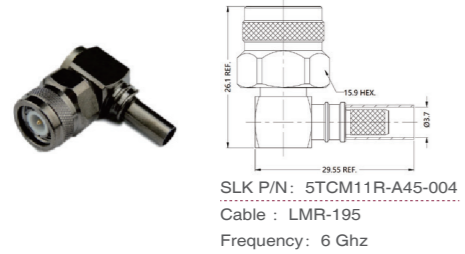
### TNC right angle male connector (Flexible cable crimping type)



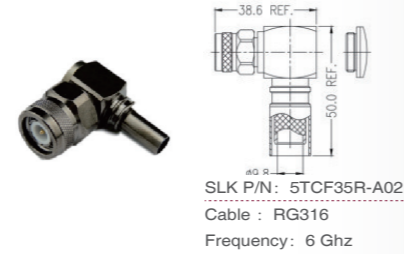
# TNC Series Connector

## TNC Series

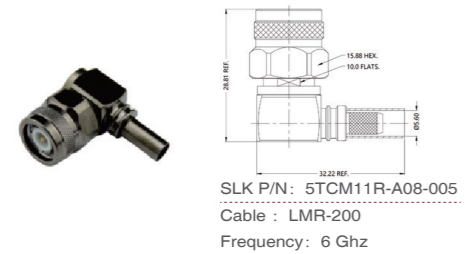
TNC right angle male connector (Flexible cable crimping type)



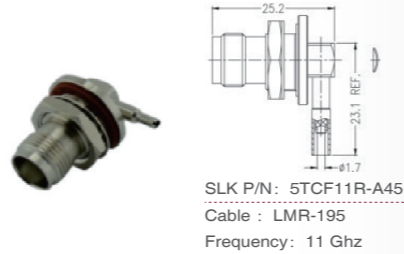
TNC right angle female connector (Flexible cable crimping type)



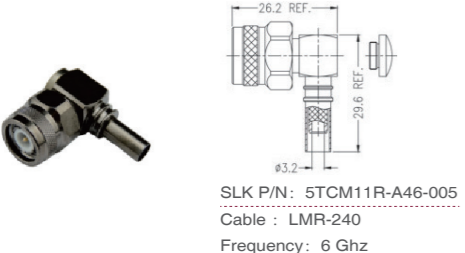
TNC right angle male connector (Flexible cable crimping type)



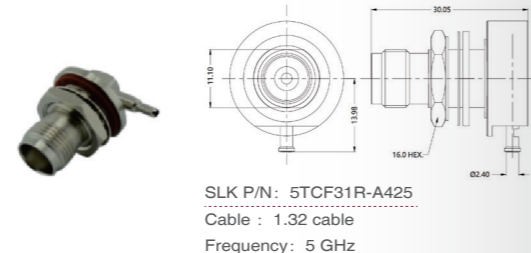
TNC right angle female connector (Flexible cable crimping type)



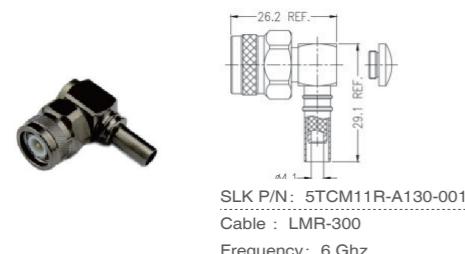
TNC right angle male connector (Flexible cable crimping type)



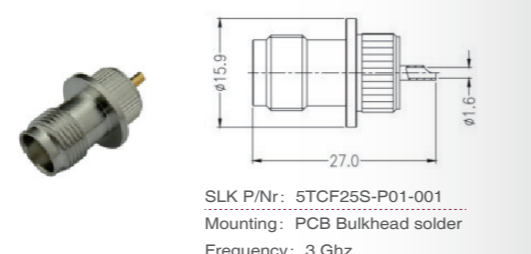
TNC right angle female connector (Flexible cable crimping type)



TNC right angle male connector (Flexible cable crimping type)



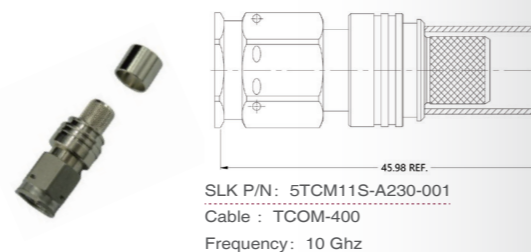
TNC straight female connector(PCB connector)



TNC straight male connector (Flexible cable crimping type)



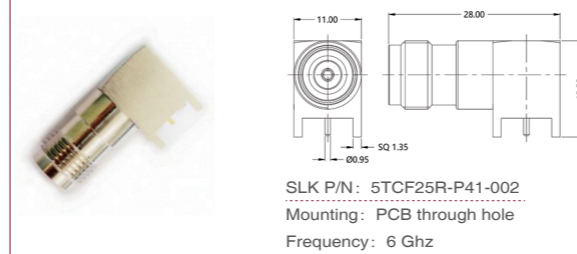
TNC straight male connector (Flexible cable crimping type)



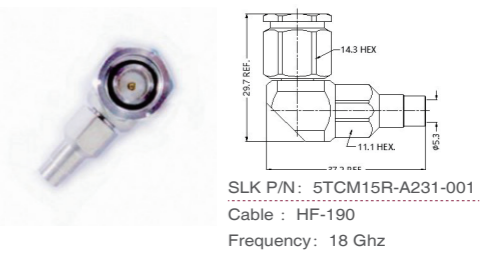
# TNC Series Connector

## TNC Series

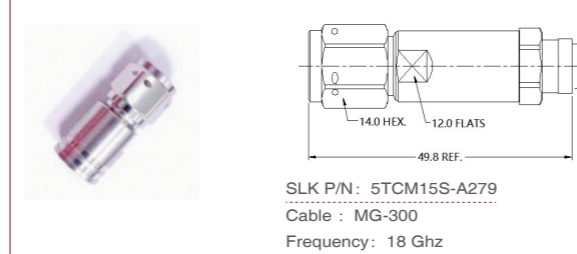
TNC right angle female connector(PCB connector)



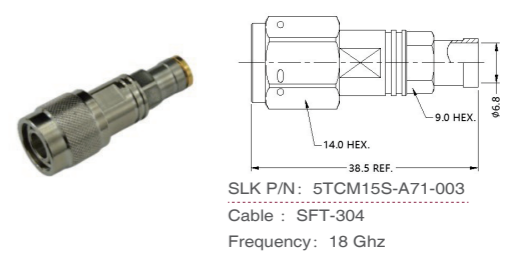
TNC right angle male connector (Flexible cable solder type)



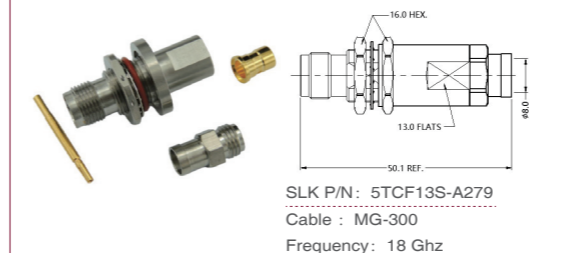
TNC straight male connector(Flexible cable solder type)



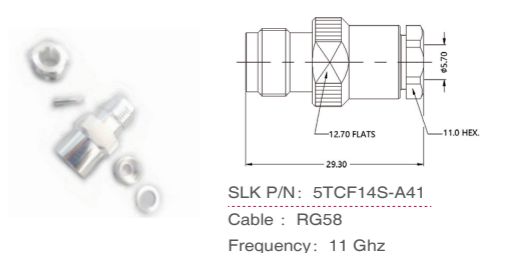
TNC straight male connector(Flexible cable solder type)



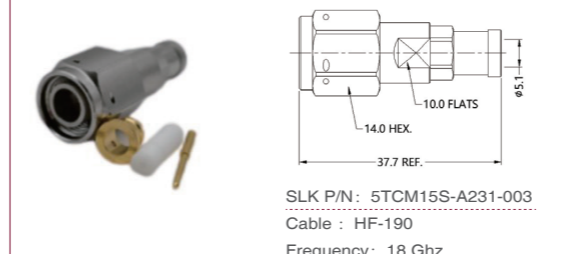
TNC straight female connector(Flexible cable solder type)



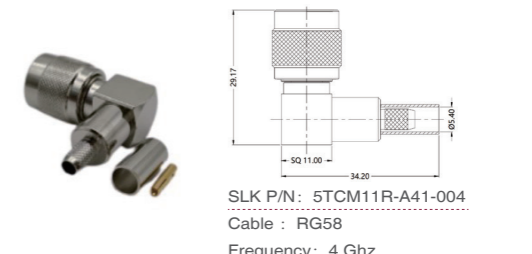
TNC straight female connector(Flexible cable solder type)



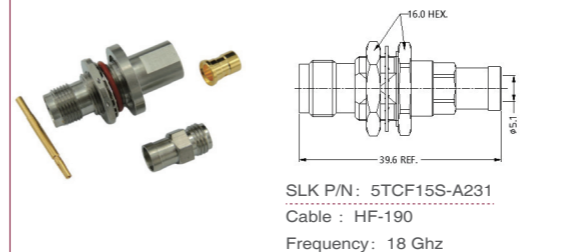
TNC straight male connector(Flexible cable solder type)



TNC right angle male connector(Flexible cable solder type)



TNC straight female connector(Flexible cable solder type)



TNC right angle male connector(Flexible cable solder type)



# TNC Series Connector

## TNC Series

### TNC straight female connector(Flexible cable solder type)

SLK P/N: 5TCF15S-A81-001  
Cable : 141/TFLEX 402  
Frequency: 6 GHz

### TNC straight female connector(Flexible cable solder type)

SLK P/N: 5TCF15S-A81-002  
Cable : 141/TFLEX 402  
Frequency: 6 GHz

### TNC right anglestraight female connector(PCB connector)

SLK P/N: 5TCF21S-P04-001  
Mounting: PCB end-launch  
Frequency: 11 Ghz

### TNC right angle female connector(Flexible cable solder type)

SLK P/N: 5TCF31R-A02  
Cable : RG316  
Frequency: 6 Ghz

### TNC right angle female connector(Flexible cable solder type)

SLK P/N: 5TCF31R-A02-001  
Cable : RG316  
Frequency: 6 Ghz

### TNC right anglestraight female connector(PCB connector)

SLK P/N: 5TCF85S-H41-002  
Mounting: 4 hole flange  
Frequency: 6 Ghz

### TNC with the chain male dust cap

SLK P/N: 5TCM00S-T00-002

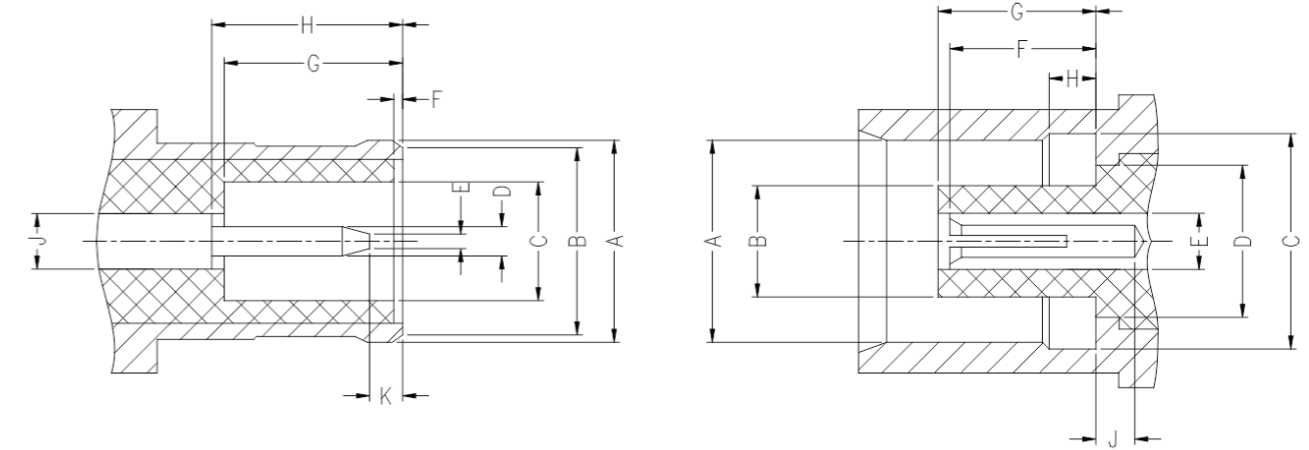
### TNC straight female connector(Flexible cable crimping type)

SLK P/N: 5TCM11S-A02-008  
Cable : RG316  
Frequency: 6 Ghz

# MCX Series Connector

## MCX Series

MCX series RF coaxial connector is a small plug-in connector with a frequency up to 6GHz. Its advantages such as small size, light weight, superior performance and high reliability are widely used in cellular phones, information system equipment, etc.



### Male

Label	Minimum	Max
A	Note 1	
B	-	3.60
C	2.00	-
D	0.48	0.53
E	-	0.25
F	0.00	0.30
G	2.80	-
H	2.80	3.20
J		
K	0.15	-

### Female

Label	Minimum	Max
A	3.42	3.38
B	-	1.98
C	3.60	3.75
D	-	3.00
E	0.95 (normal value)	
F	2.30	2.80
G	2.60	2.80
H	0.75	0.85
J	0.00	-

Note: unit mm

1. The size matching the female head meets the corresponding mechanical and electrical properties.

Reference standard: IEC61169-36

# MCX Series Connector

## MCX Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-6 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 5.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.5 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.30$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass, beryllium copper, phosphor bronze	GoldNickel-platedNickel-plate, Ternary plated alloy
Inner conductor	Male head: brass,	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 14 \text{ lbs}$
Male and female pullout force	1.8 lbs - 4.5 lbs
Center pin insertion force	$\leq 2.5 \text{ lbs}$
Center pin insertion force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 2.25 \text{ lbs}$
Durability	500 times

# MCX Series Connector

## MCX Series

**MCX straight male connector(Flexible cable crimping type)**

SLK P/N: 5MXM11S-A02-025  
Cable : RG316  
Frequency: 6 Ghz

**MCX right angle male connector (Flexible cable solder type)**

SLK P/N: 5MXM15R-S01-001  
Cable : RG405(.086")  
Frequency: 6 GHz

**MCX straight male connector(Semi-flexible cable crimping type)**

SLK P/N: 5MXM15S-S01-007  
Cable : TFLEX-405(.086")  
Frequency: 6 Ghz

**MCX straight female connector (PCB connector)**

SLK P/N: 5MXF27S-P21  
Mounting: PCB end-launch  
Frequency: 6 GHz

**MCX right angle male connector (Flexible cable crimping type)**

SLK P/N: 5MXM11R-A03-022  
Cable : RG178  
Frequency: 6 Ghz

**MCX straight female connector (PCB connector)**

SLK P/N: 5MXF25S-P41-014  
Mounting: PCB through hole  
Frequency: 6 GHz

**MCX right angle male connector (Flexible cable crimping type)**

SLK P/N: 5MXM11R-A02-040  
Cable : RG316, RG174  
Frequency: 6 Ghz

**MCX straight female connector (PCB connector)**

SLK P/N: 5MXF00S-P01  
Mounting: PCB through hole  
Frequency: 6 GHz

**MCX right angle male connector (Flexible cable crimping type)**

SLK P/N: 5MXM11R-A50-019  
Cable : EF316D  
Frequency: 6 Ghz

**MCX right angle female connector (Flexible cable crimping type)**

SLK P/N: 5MXF11S-A02-008  
Cable : LMR-100A  
Frequency: 6 GHz

# MCX Series Connector

## MCX Series

MCX straight male connector(Flexible cable solder type)

SLK P/N: 5MXF15S-A03  
Cable : RG178  
Frequency: 100 MHZ

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A268-001  
Cable : LMR-100A  
Frequency: 6 Ghz

MCX straight female connector (PCB connector)

SLK P/N: 5MXF24S-P10  
Mounting: PCB through hole  
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A425-002  
Cable : OD1.32  
Frequency: 3 Ghz

MCX straight female connector (PCB connector)

SLK P/N: 5MXF27S-P41-006  
Mounting: PCB end-launch  
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A72  
Cable :  $\Phi$ 1.37 CABLE  
Frequency: 6 GHz

MCX right angle female connector (PCB connector)

SLK P/N: 5MXF27R-P41  
Mounting: PCB end-launch  
Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM11S-A03-005  
Cable : RG178/U, RG196/U  
Frequency: 6 GHz

MCX right angle female connector (PCB connector)

SLK P/N: 5MXF25R-P41-003  
Mounting: PCB through hole  
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM15R-A231  
Cable : HF190  
Frequency: 3 Ghz

# MCX Series Connector

## MCX Series

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM15S-A03  
Cable : RG178  
Frequency: 100 MHZ

MCX straight male connector(Semi-flexible cable solder type)

SLK P/N: 5MXM15R-S01-022  
Cable : 086" cable  
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A02-020  
Cable : RG316  
Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM11S-A50-004  
Cable : RG316D  
Frequency: 6 Ghz

MCX straight female connector(Flexible cable solder type)

SLK P/N: 5MXF11S-A50-003  
Cable : RG316D  
Frequency: 3 Ghz

MCX right angle male connector(Flexible cable solder type)

SLK P/N: 5MXM15R-A72  
Cable : OD1.37  
Frequency: 3 GHz

MCX straight male connector(Flexible cable solder crimping type)

SLK P/N: 5MXF15S-A72-001  
Cable : OD1.37  
Frequency: 3 GHz

MCX straight male connector(Flexible cable solder type)

SLK P/N: 5MXM15S-A82-001  
Cable : Nband-260  
Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM11S-A03-008  
Cable : RG178B/U, RG196A/U  
Frequency: 6 Ghz

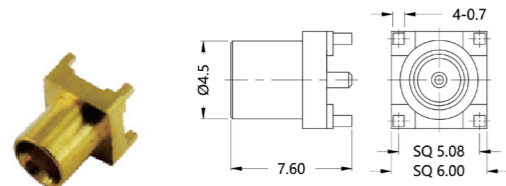
MCX straight male connector (PCB connector)

SLK P/N: 5MXM28S-P41  
Mounting: PCB through hole  
Frequency: 6 Ghz

# MCX Series Connector

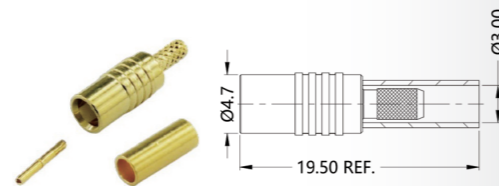
## MCX Series

### MCX straight female connector (PCB connector)



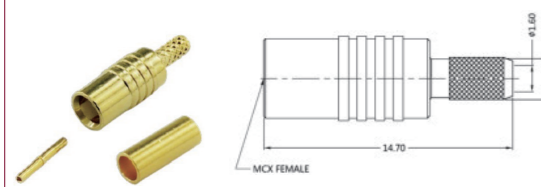
SLK P/N: 5MXF05S-P01-001  
Mounting: PCB through hole  
Frequency: 6 GHz

### MCX straight male connector(Flexible cable crimping type)



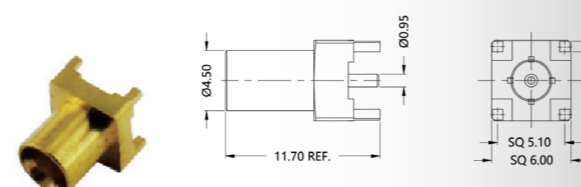
SLK P/N: 5MXF11S-A02-004  
Cable : RG174&RG316  
Frequency: 6 GHz

### MCX straight female connector(Flexible cable crimping type)



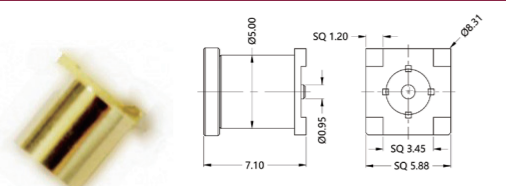
SLK P/N: 5MXF11S-A02-006  
Cable : RG-316  
Frequency: 6 GHz

### MCX straight female connector (PCB connector)



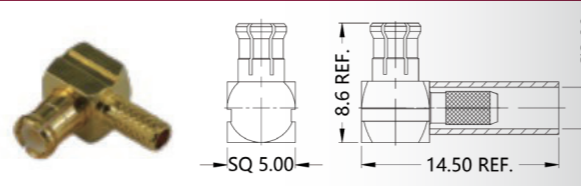
SLK P/N: 5MXF25S-P41-013  
Mounting: PCB through hole  
Frequency: 6 GHz

### MCX straight female connector (PCB connector)



SLK P/N: 5MXF27S-P41-002  
Mounting: PCB surface mount  
Frequency: 6 GHz

### MCX right angle male connector(Flexible cable crimping type)

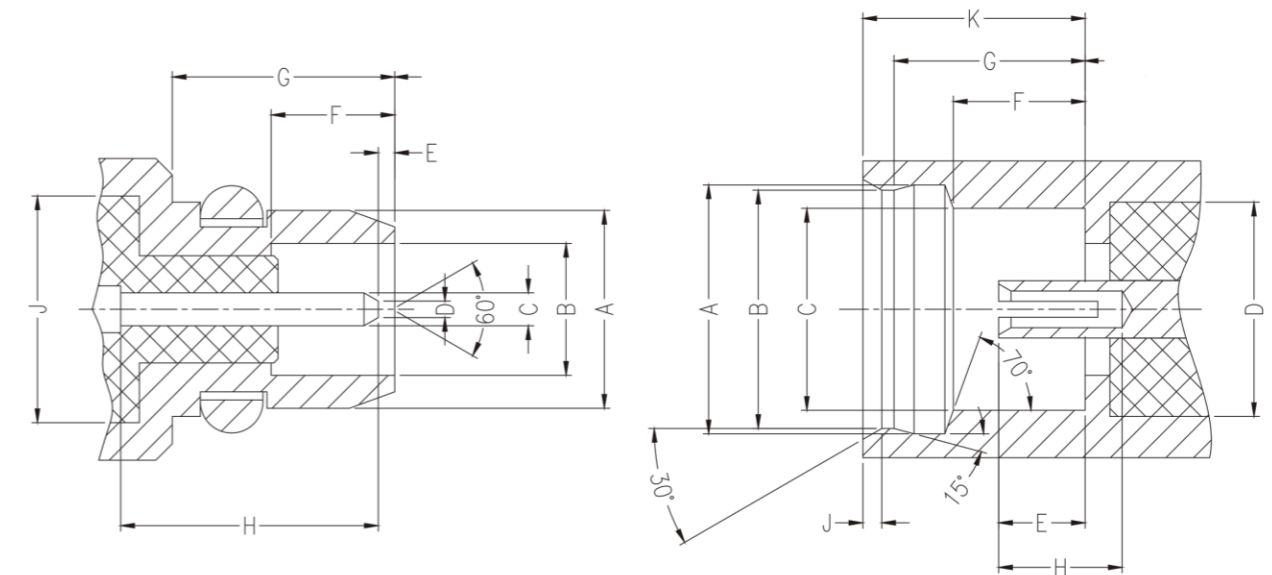


SLK P/N: 5MXM11R-A02-018  
Cable : LMR100  
Frequency: 6 GHz

# MMCX Series Connector

## MMCX Series

MMCX RF coaxial connector is a kind of ultra-small push-in connector, the size is about 30% smaller than MCX connector. In addition to being suitable for general flexible and semi-rigid cables, it is also widely used in surface mounting technology. Small size, light weight, superior performance, and good reliability make it an ideal choice for products that require PCB panel mounting, surface mounting or body size requirements.



### Male

Label	Minimum	Max
A	-	2.40
B	1.58	1.62
C	0.38	0.42
D	-	0.20
E	0.00	0.20
F	1.45	-
G	2.70	-
H	-	3.15
J	2.32	2.35

### Female

Label	Minimum	Max
A	3.00	3.04
B	2.88	2.90
C	2.14	-
D	2.32	2.35
E	0.90	1.20
F	1.57	1.63
G	2.30	2.34
H	1.40	-
J	-	0.23
K	2.60	-

Note: unit mm  
Reference standard: BS EN 122340

# MMCX Series Connector

## MMCX Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-6 GHz
Operating Voltage	170 V(RMS)
Operating Voltage	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 5.0$ m $\Omega$ (initial value)
	Outer conductor: $\leq 2.5$ m $\Omega$ ((initial value)
Insulation resistance	$\geq 500$ m $\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass	Gold-plated、Nickel-plated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 4$ lbs
Male and female pullout force	1.35 lbs - 4. lbs
Center pin insertion force	$\leq 1.1$ lbs
Center pin pullout force	$\geq 1$ ounce
Center pin retention	$\geq 2.25$ lbs
Durability	500 times

# MMCX Series Connector

## MCX Series

**MMCX straight male connector(Flexible cable crimping type)**

SLK P/N: 5MCM11S-A02-011  
Cable : RG316/U  
Frequency: 6 GHz

**MMCX right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MCM11R-A02-025  
Cable : RG316, RG174  
Frequency: 3 GHz

**MMCX straight male connector(Flexible cable crimping type)**

SLK P/N: 5MCM11S-A03-007  
Cable : RG178/U  
Frequency: 6 GHz

**MMCX right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MCM11R-A03  
Cable : RG178/U  
Frequency: 6 GHz

**MMCX straight female connector(Flexible cable crimping type)**

SLK P/N: 5MCF11S-A02-002  
Cable : RG316  
Frequency: 6 GHz

**MMCX right angle male connector(Semi-flexible cable crimping type)**

SLK P/N: 5MCM15R-S01-004  
Cable : 086" cable  
Frequency: 6 GHz

**MMCX straight female connector(Flexible cable solder type)**

SLK P/N: 5MCF15S-A60-002  
Cable :  $\phi$  1.13  
Frequency: 6 GHz

**MMCX straight male connector (PCB connector)**

SLK P/N: 5MCM25S-P01-002  
Mounting: PCB through hole  
Frequency: 6 GHz

**MMCX right angle male connector(Flexible cable crimping type)**

SLK P/N: 5MCM11R-A72-004  
Cable : OD 1.37  
Frequency: 6 GHz

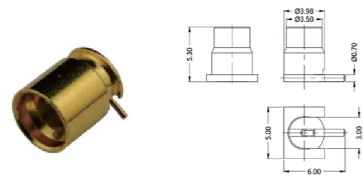
**MMCX straight female connector (PCB connector)**

SLK P/N: 5MCF25S-P01-001  
Mounting: PCB through hole  
Frequency: 6 GHz

# MMCX Series Connector

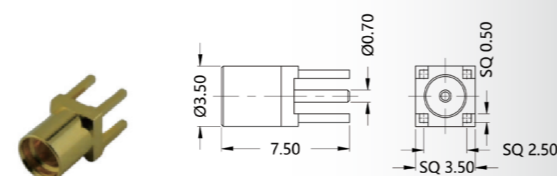
## MMCX Series

MMCX right angle male connector (PCB connector)



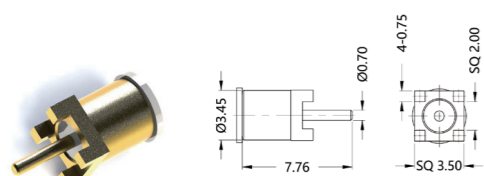
SLK P/N: 5MCF25R-P01-001  
Mounting: PCB surface mount  
Frequency: 6 GHz

MMCX straight female connector (PCB connector)



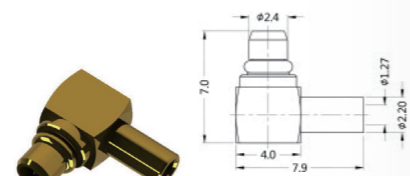
SLK P/N: 5MCF25S-P41-012  
Mounting: PCB through hole  
Frequency: 6 GHz

MMCX straight female connector (PCB connector)



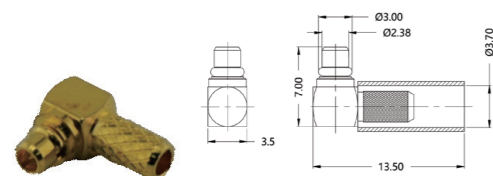
SLK P/N: 5MCF27S-P41-005  
Mounting: PCB through hole  
Frequency: 6 GHz

MMCX right angle male connector (Flexible cable solder type)



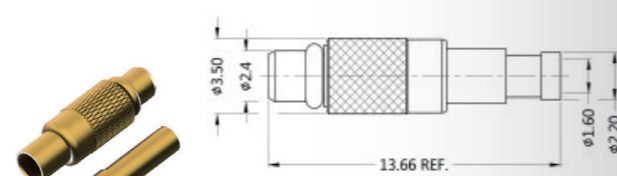
SLK P/N: 5MCM15R-S04  
Cable: RG178/U  
Frequency: 3 GHz

MMCX right angle male connector (Flexible cable crimping type)



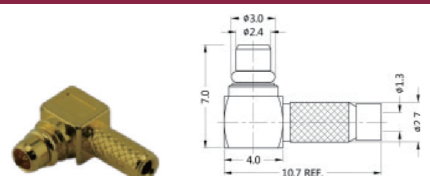
SLK P/N: 5MCM11R-A50-003  
Cable: RG316D  
Frequency: 6 GHz

MMCX straight male connector (Flexible cable solder type)



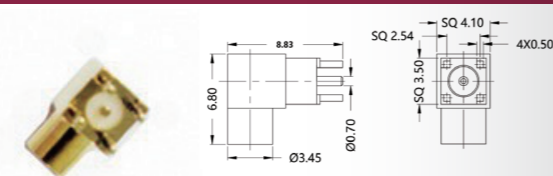
SLK P/N: 5MCM15S-A405  
Cable: TFLEX-047  
Frequency: 6 GHz

MMCX right angle male connector (Flexible cable solder type)



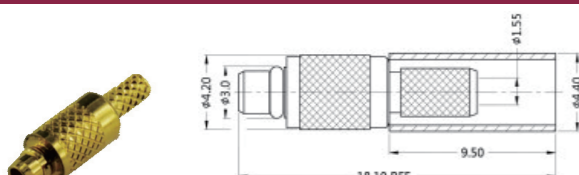
SLK P/N: 5MCM11R-A60-005  
Cable: OD1.13  
Frequency: 3 GHz

MMCX right angle female connector (PCB connector)



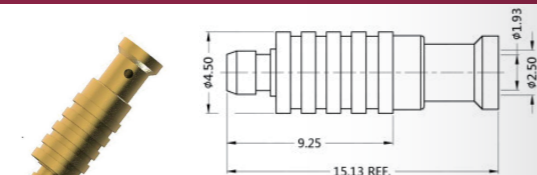
SLK P/N: 5MCF25R-P41-002  
Mounting: PCB through hole  
Frequency: 6 GHz

MMCX straight male connector (Flexible cable crimping type)



SLK P/N: 5MCM11S-A50-002  
Cable: RG316D  
Frequency: 6 GHz

MMCX straight male connector (Flexible cable solder type)

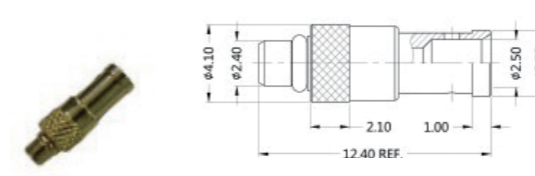


SLK P/N: 5MCM15S-A450  
Cable: SF-316  
Frequency: 6 GHz

# MMCX Series Connector

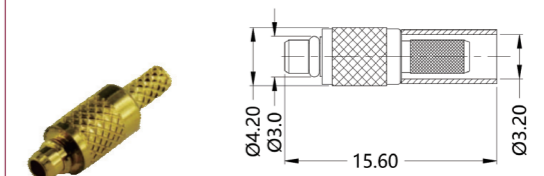
## MMCX Series

MMCX straight male connector (Flexible cable solder type)



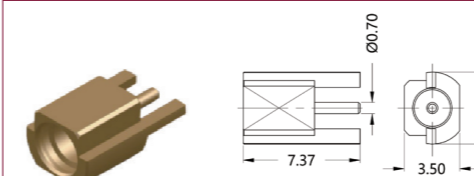
SLK P/N: 5MCM15S-A498  
Cable: PT110  
Frequency: 6 GHz

MMCX straight male connector (Flexible cable crimping type)



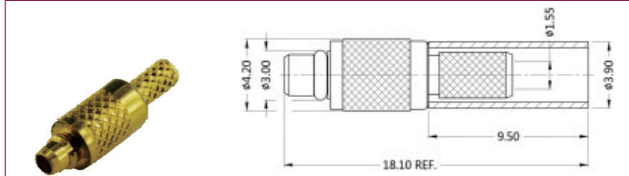
SLK P/N: 5MCM11S-A120-001  
Cable: SFT-316  
Frequency: 6 GHz

MMCX straight female connector (PCB connector)



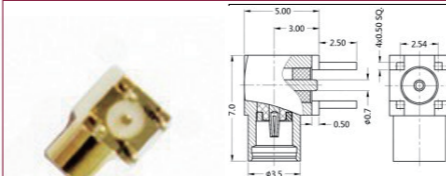
SLK P/N: 5MCF05S-P01  
Mounting: PCB end-launch  
Frequency: 6 GHz

MMCX straight male connector (Flexible cable crimping type)



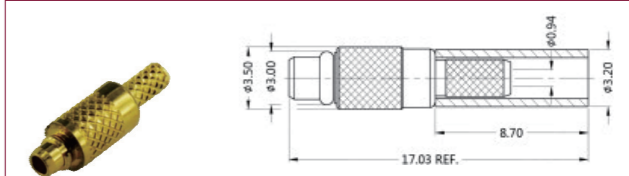
SLK P/N: 5MCM11S-A307  
Cable: RG316/RG188  
Frequency: 6 GHz

MMCX right angle female connector (PCB connector)



SLK P/N: 5MCF27R-P41  
Mounting: PCB through hole  
Frequency: 6 GHz

MMCX straight male connector (Flexible cable crimping type)



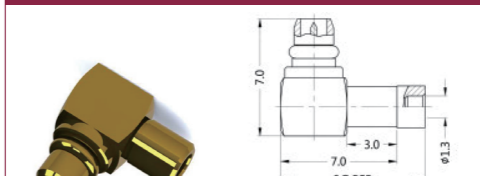
SLK P/N: 5MCM11S-A72-002  
Cable: OD1.37  
Frequency: 6 GHz

MMCX right angle male connector (Flexible cable crimping type)



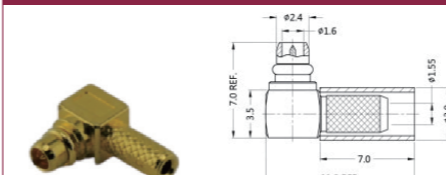
SLK P/N: 5MCM11R-A227-001  
Cable: RG178D  
Frequency: 6 GHz

MMCX right angle male connector (Flexible cable solder type)



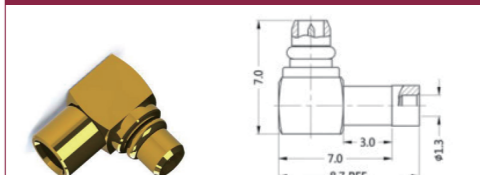
SLK P/N: 5MCM15R-A60-003  
Cable: OD1.13  
Frequency: 3 GHz

MMCX right angle male connector (Flexible cable crimping type)



SLK P/N: 5MCM11R-A441  
Cable: LMR-100A-UF  
Frequency: 3 GHz

MMCX right angle male connector (Flexible cable solder type)



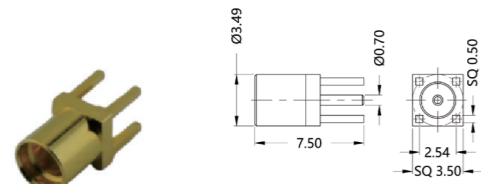
SLK P/N: 5MCM15R-A82-001  
Cable: Nband-280  
Frequency: 6 GHz



# MMCX Series Connector

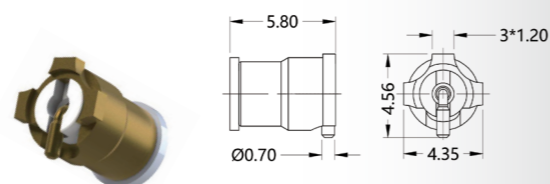
## MMCX Series

MMCX straight female connector (PCB connector)



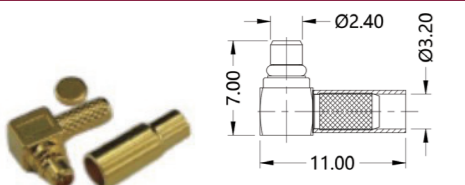
SLK P/N: 5MCF25S-P41-007  
Mounting: PCB through hole  
Frequency: 6 Ghz

MMCX right angle female connector (PCB connector)



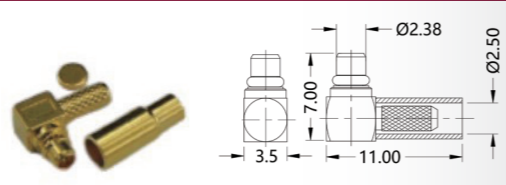
SLK P/N: 5MCF27R-P31  
Mounting: PCB surface mount  
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)



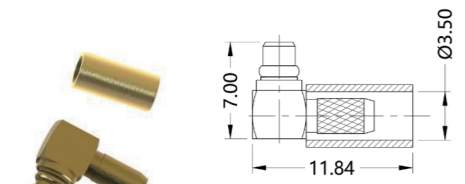
SLK P/N: 5MCM11R-A02-018  
Cable : RG174, RG316  
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)



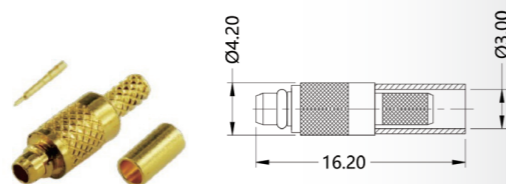
SLK P/N: 5MCM11R-A03-006  
Cable : RG178, RG196  
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)



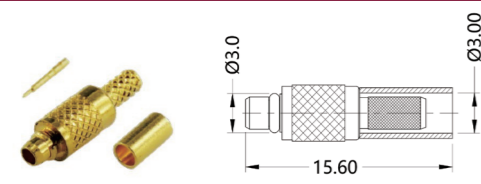
SLK P/N: 5MCM11R-A50-010  
Cable : RG316  
Frequency: 6 Ghz

TNC right angle straight female connector(PCB connector)



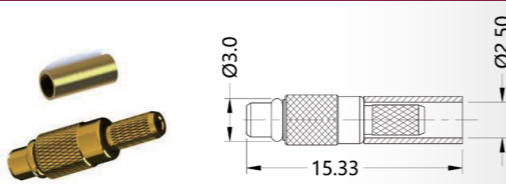
SLK P/N: 5MCM11S-A02-002  
Cable : RG316  
Frequency: 6 Ghz

MMCX straight male connector(Flexible cable crimping type)



SLK P/N: 5MCM11S-A02-006  
Cable : RG316  
Frequency: 6 Ghz

MMCX straight male connector(Flexible cable crimping type)

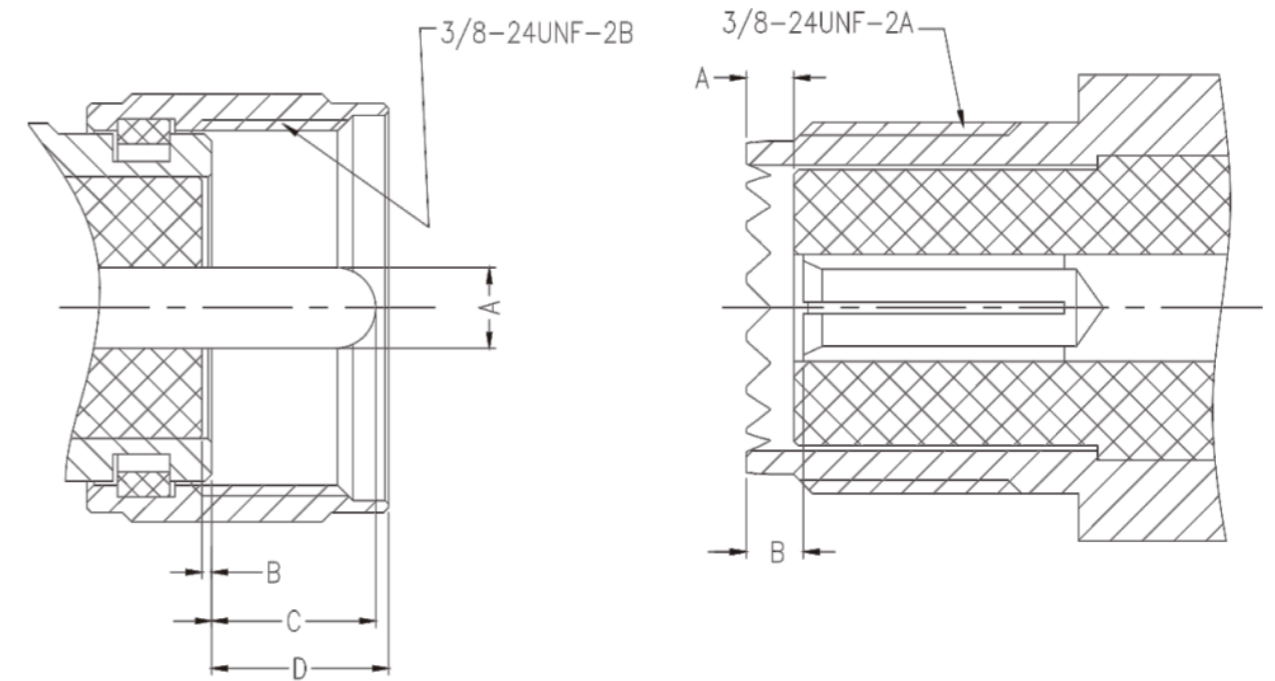


SLK P/N: 5MCM11S-A03-002  
Cable : RG178/U  
Frequency: 6 Ghz

# UHF/Mini-UHF Series Connector

## UHF/Mini-UHF Series

UHF and Mini-UHF series RF coaxial connectors are commonly used in low-frequency applications. It has the characteristics of low cost and low joining requirements. It's generally used in radio broadcast receivers and public transmission systems. Mini-UHF is a reduced version of UHF, usually used in telephone communication systems.



### Male

Label	Minimum	Max
A	1.50	1.65
B	-	0.70
C	6.00	7.30
D	6.50	8.00

### Female

Label	Minimum	Max
A	-	0.50
B	0.80	2.00
C		
D		

Note: unit mm

# UHF/Mini-UHF Series Connector

## UHF/Mini-UHF Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-2.5 GHz
Operating Voltage	830 V(RMS)
Medium pressure	2500 V(RMS)
Conductor resistance	Inner conductor: $\leq 5.0$ m $\Omega$ (initial value)
	Outer conductor: $\leq 3.0$ m $\Omega$ (initial value)
Insulation resistance	$\geq 5000$ m $\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value))
	Curved type: $\leq 1.35$ (typical value))

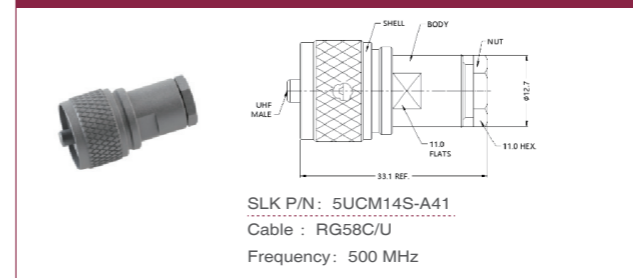
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass	Nickel-plated
Inner conductor	Male head: brass	Gold-plated, Silver-plated,
	Female head: beryllium copper, phosphor bronze	Nickel-plated
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 80$ lbs
Thread torque	$\geq 15$ inch-lbs
Center pin insertion force	$\leq 2$ lbs
Center pin pullout force	$\geq 1.5$ ounces
Center pin retention	$\geq 6$ lbs
Durability	500 times

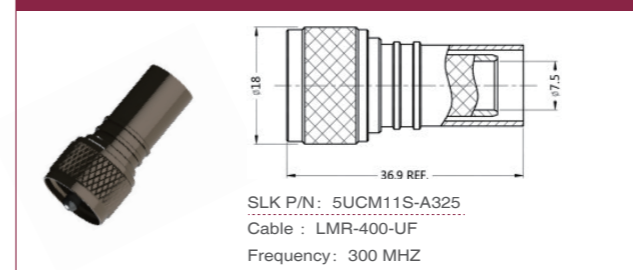
# UHF/Mini-UHF Series Connector

## UHF/Mini-UHF Series

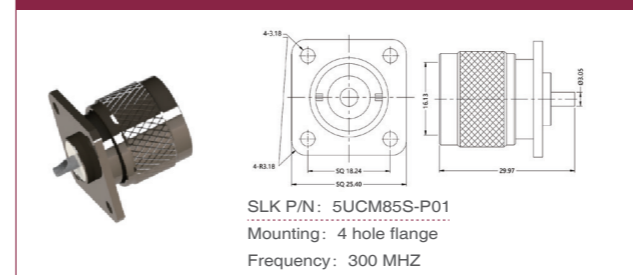
### UHF straight male connector(Flexible cable solder type)



### UHF straight male connector(Flexible cable crimping type)



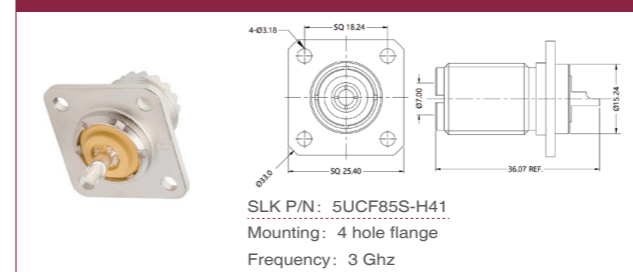
### UHF straight male connector (PCB connector)



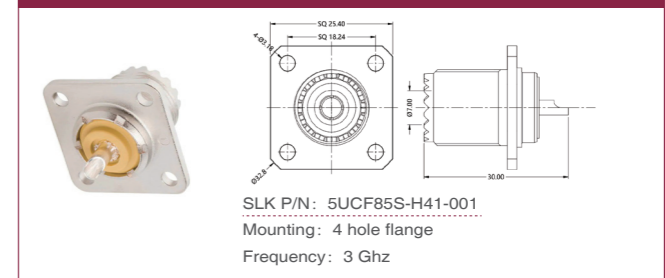
### UHF straight male connector (PCB connector)



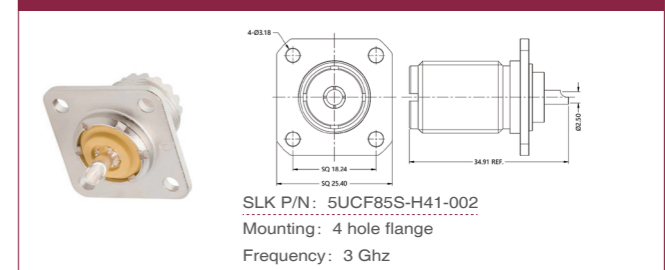
### UHF straight female connector (PCB connector)



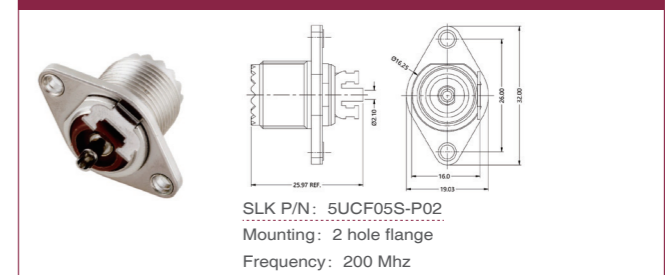
### UHF straight female connector (PCB connector)



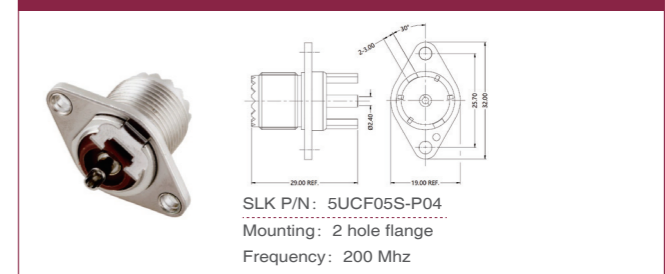
### UHF straight female connector (PCB connector)



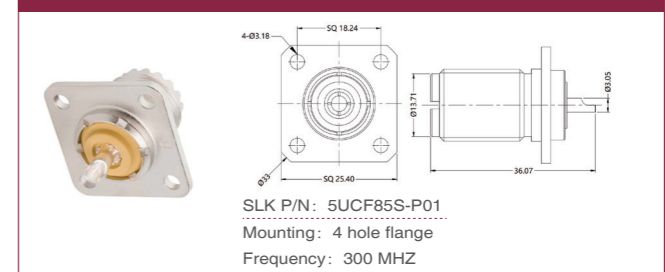
### UHF straight female connector (PCB connector)



### UHF straight female connector (PCB connector)



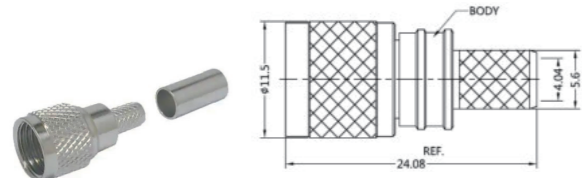
### UHF straight female connector (PCB connector)



# UHF/Mini-UHF Series Connector

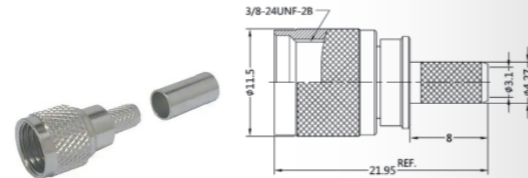
## UHF/MINI-UHF Series

Mini-UHF straight male connector(Flexible cable crimping type)



SLK P/N: 5MUM11S-A46  
 Cable : LMR-240  
 Frequency: 2.5 GHz

Mini-UHF straight male connector(Flexible cable crimping type)

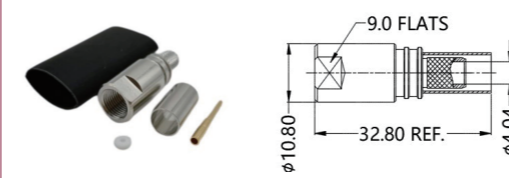


SLK P/N: 5MUM11S-A09  
 Cable : RG142/U RG223/U  
 Frequency: 2.5 GHz

# FME Series Connector

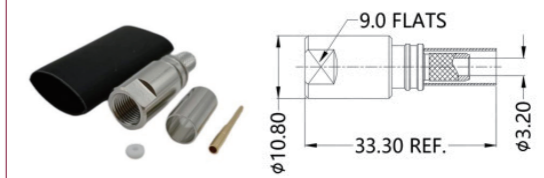
## FME Series

FME straight male connector(Flexible cable crimping type)



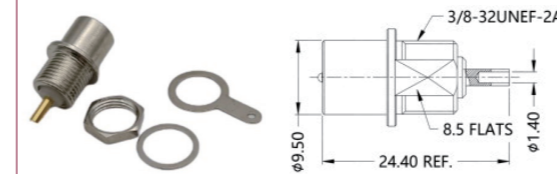
SLK P/N: 5FMM11S-A46  
 Cable : LMR-240  
 Frequency: 2 Ghz

FME straight male connector(Flexible cable crimping type)



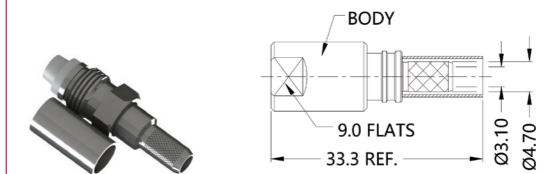
SLK P/N: 5FMM11S-A08  
 Cable : LMR-195/200  
 Frequency: 2 GHz

FME straight male connector



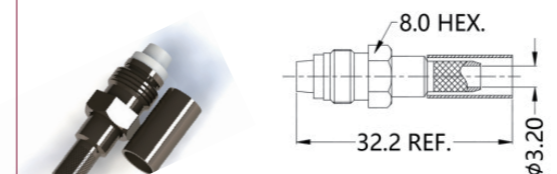
SLK P/N: 5FMM11S-A00  
 Mounting: Bulkhead Mounted  
 Frequency: 1.8 GHz

FME straight female connector(Flexible cable crimping type)



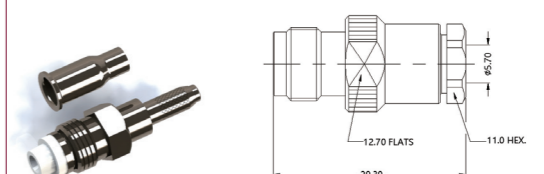
SLK P/N: 5FMF11S-A45  
 Cable : LMR-195/200  
 Frequency: 2 GHz

FME straight female connector(Flexible cable crimping type)



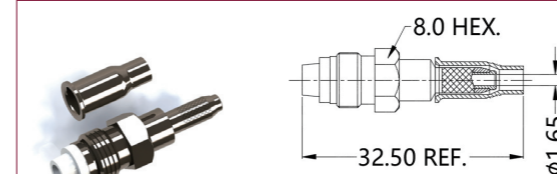
SLK P/N: 5FMF11S-A41-003  
 Cable : RG58  
 Frequency: 2 Ghz

FME straight female connector(Flexible cable crimping type)



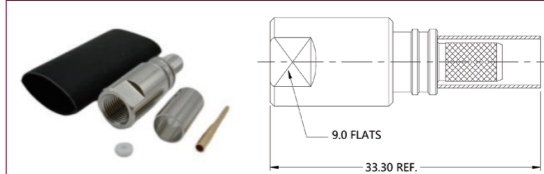
SLK P/N: 5FMF11S-A02-004  
 Cable : RG174A  
 Frequency: 2 Ghz

FME straight female connector(Flexible cable crimping type)



SLK P/N: 5FMF11S-A02-003  
 Cable : RG316  
 Frequency: 2 Ghz

FME straight male connector(Flexible cable crimping type)



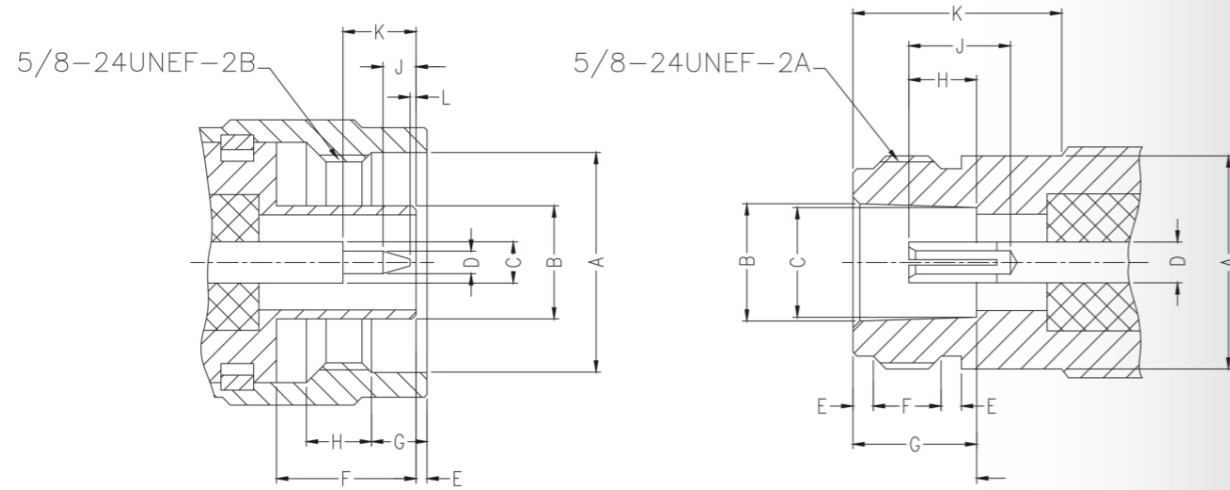
SLK P/N: 5FMM11S-A45  
 Cable : LMR-195  
 Frequency: 0.5 GHz

# N Series Connector

## N Series

N series RF coaxial connector is a medium power connector with threaded connection developed and produced in accordance with the US military standard MIL-C-39012.

It has the characteristics of strong shock resistance, high reliability, excellent mechanical and electrical performance, etc., and is widely used in base station equipment, satellite transmission systems and test equipment and other products



### Male

Label	Minimum	Max
A	16.00	-
B	7.95	8.03
C	3.02	3.15
D	1.60	1.68
E	0.41	1.52
F	10.11	10.46
G	4.01	4.27
H	4.50	-
J	2.79	3.56
K	5.33	-
L	0.08	-

### Female

Label	Minimum	Max
A	-	15.93
B	8.53	8.74
C	8.03	8.13
D	3.02	3.15
E	1.19	1.96
F	4.37	5.13
G	9.04	9.19
H	4.75	5.26
J	5.33	-
K	10.72	-

Note: unit mm  
Reference standard: IEEE Std 287-2007

# N Series Connector

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-18 GHz
Operating Voltage	1000 V(RMS)
Medium pressure	2500 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.2 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

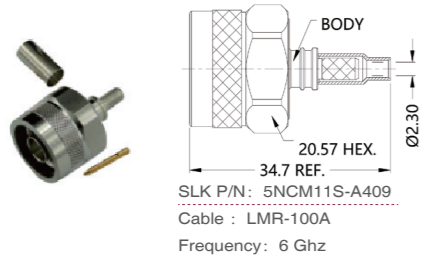
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass	Nickel plated, ternary alloy
Inner conductor	Male head: brass, beryllium copper	Gold plated, silver plated
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pull-out force	$\geq 2 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

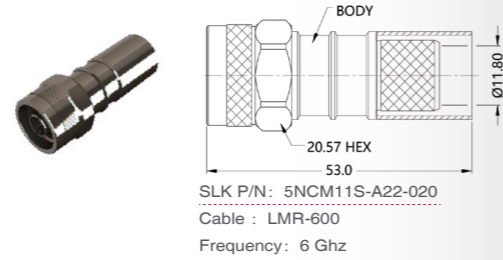
# N Series Connector

## N Series

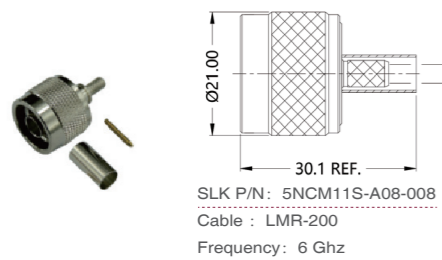
N straight male connector(Flexible cable crimping type)



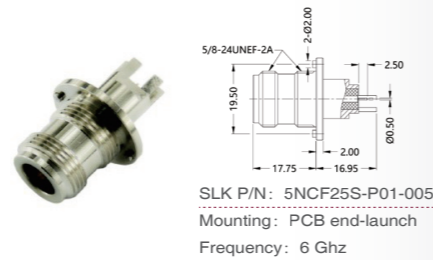
N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



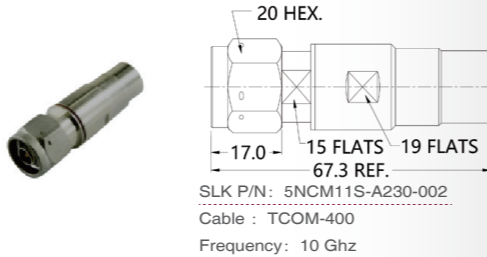
N straight female connector (PCB connector)



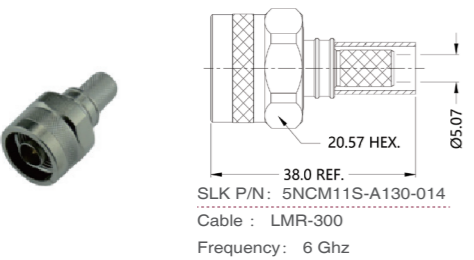
N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



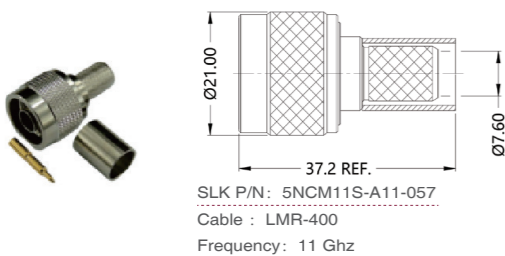
N straight male connector(Flexible cable crimping type)



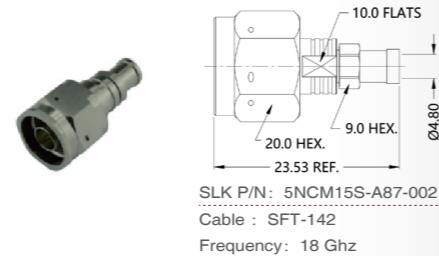
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



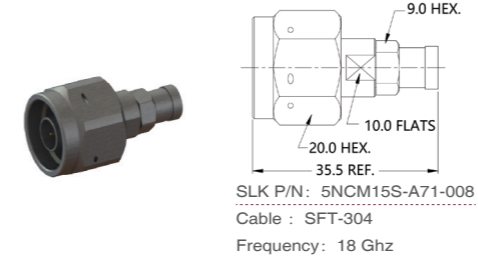
N straight male connector(Flexible cable solder type)



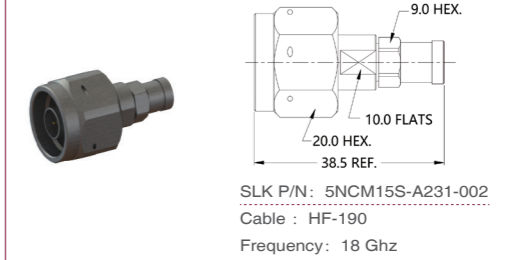
# N Series Connector

## N Series

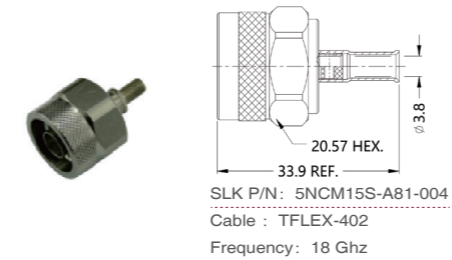
N straight male connector(Flexible cable solder type)



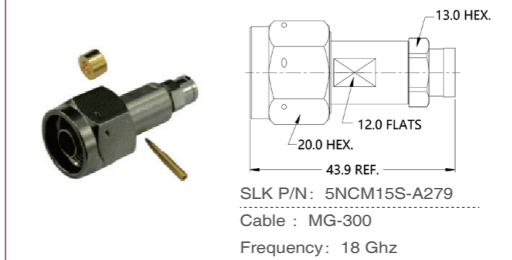
N straight male connector(Flexible cable solder type)



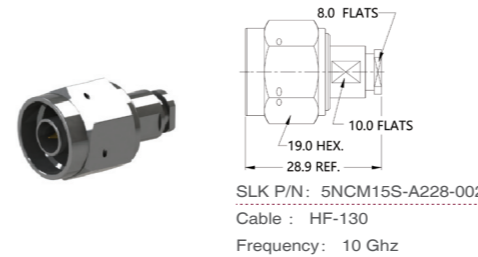
N straight male connector(Flexible cable solder type)



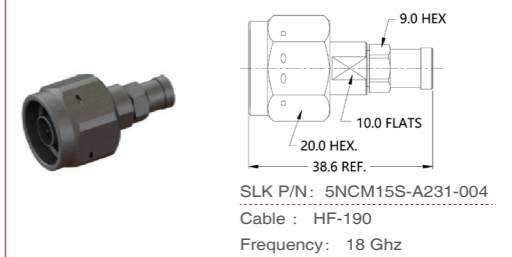
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



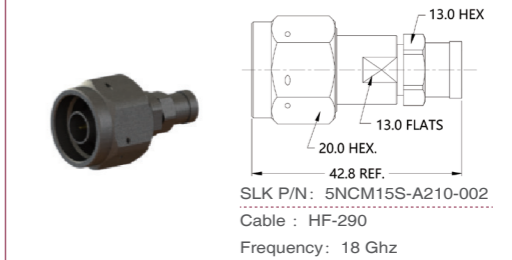
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



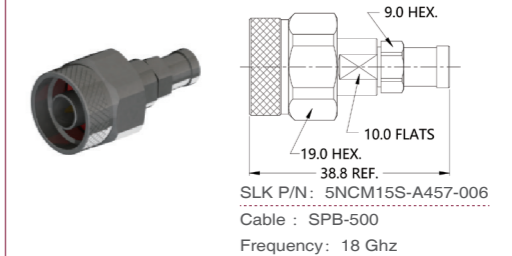
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



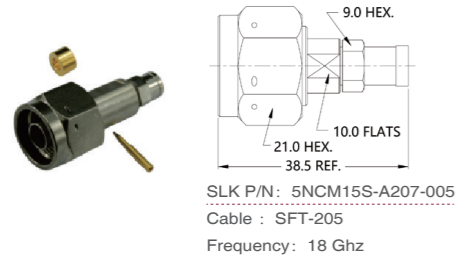
N straight male connector(Flexible cable solder type)



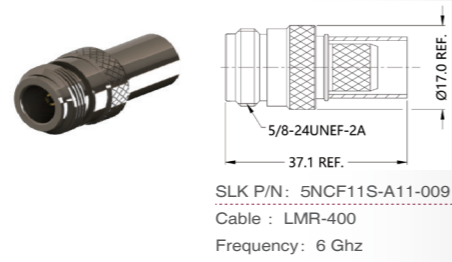
# N Series Connector

## N Series

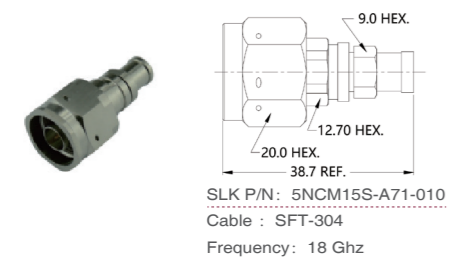
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



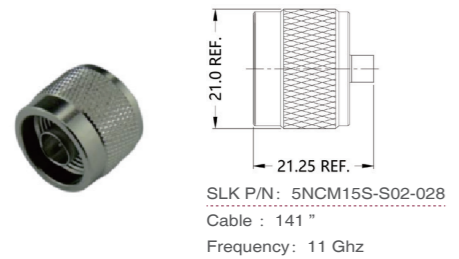
N straight male connector(Flexible cable solder type)



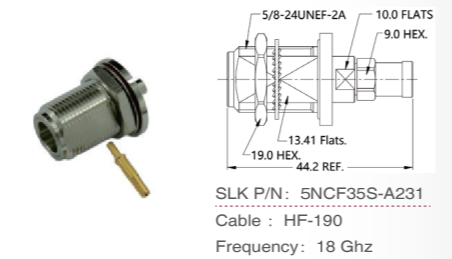
N straight male connector(Flexible cable crimping type)



N straight male connector(Semi-steel cable solder type)



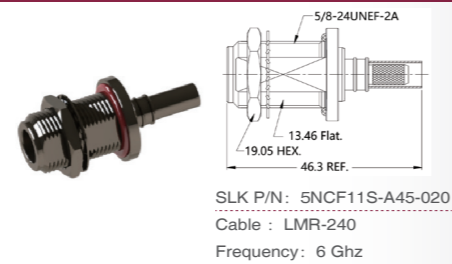
N straight female connector(Flexible cable solder type)



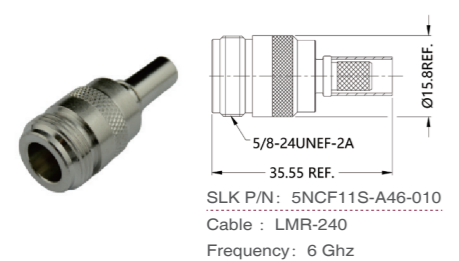
N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



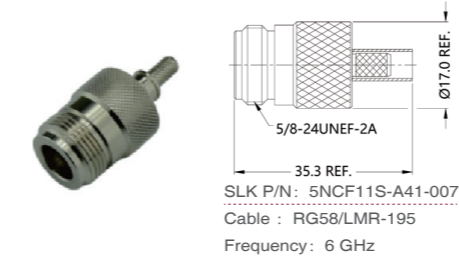
N straight male connector(Flexible cable crimping type)



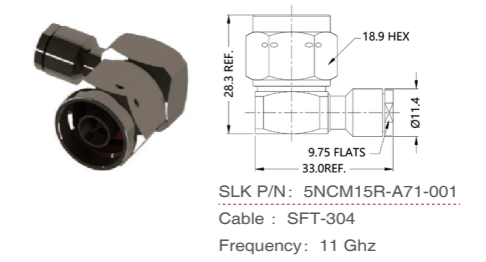
# N Series Connector

## N Series

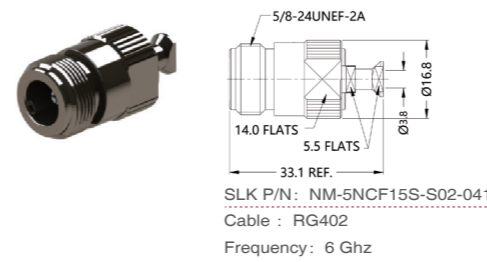
N straight male connector(Flexible cable crimping type)



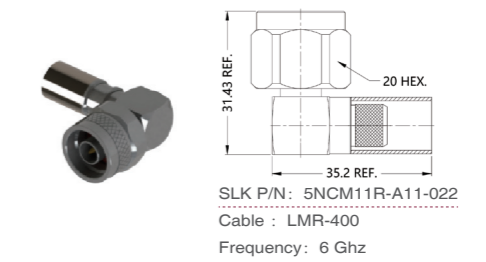
N right angle female connector(Flexible cable solder type)



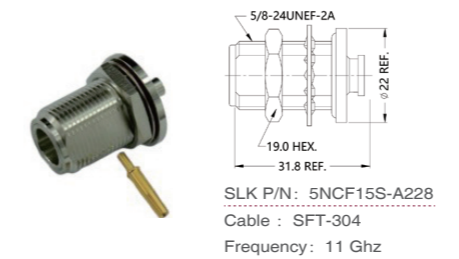
N straight female connector(Flexible cable solder type)



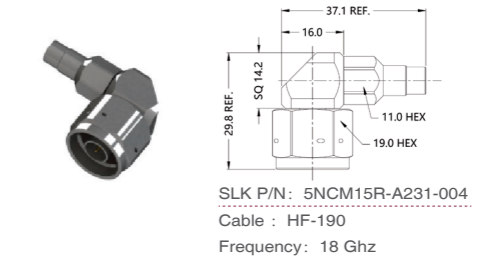
N right angle female connector(Flexible cable crimping type)



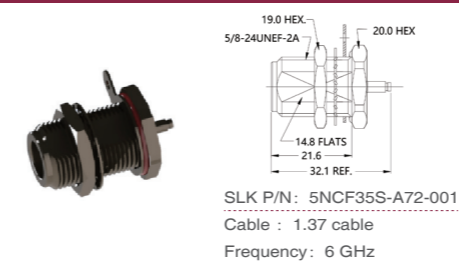
N straight female connector(Flexible cable solder type)



N right angle female connector(Flexible cable solder type)



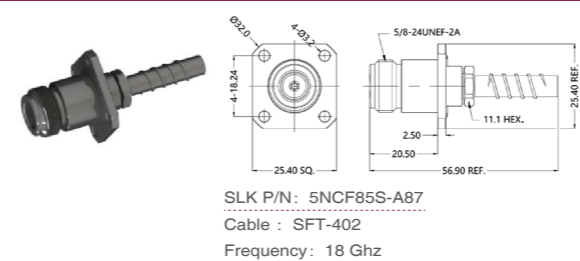
N straight female connector(Flexible cable solder type)



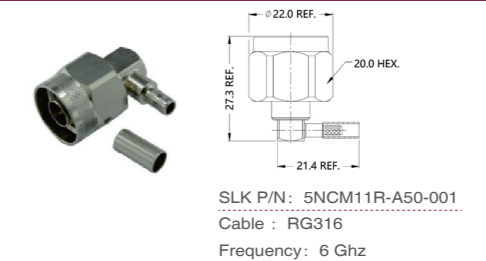
N right angle female connector(Flexible cable crimping type)



N straight female connector(Flexible cable solder type)



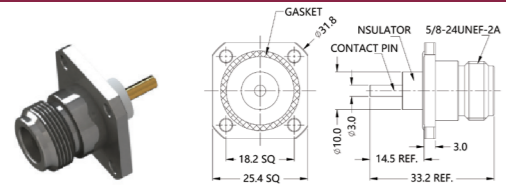
N right angle female connector(Flexible cable crimping type)



# N Series Connector

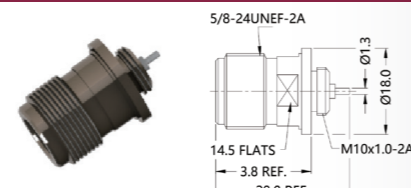
## N Series

### N straight female connector(PCB connector)



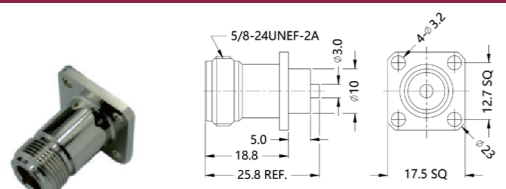
SLK P/N: 5NCF85S-H41-012  
Mounting: 4 hole flange  
Frequency: 11 Ghz

### N straight female connector(PCB connector)



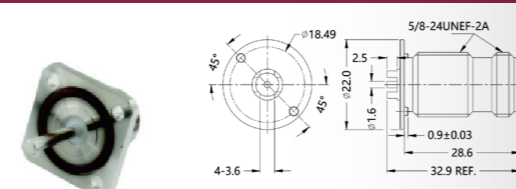
SLK P/N: 5NCF04S-P01  
Frequency: 6 Ghz

### N straight female connector(PCB connector)



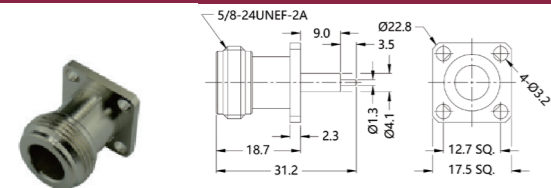
SLK P/N: 5NCF05S-P10  
Mounting: 4 hole flange  
Frequency: 6 Ghz

### N straight female connector(PCB connector)



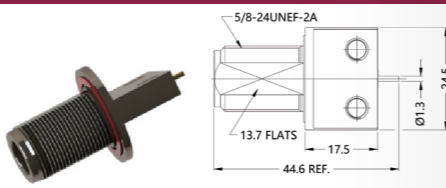
SLK P/N: 5NCF25S-P41-003  
Mounting: 4 hole flange  
Frequency: 11 Ghz

### N straight female connector(PCB connector)



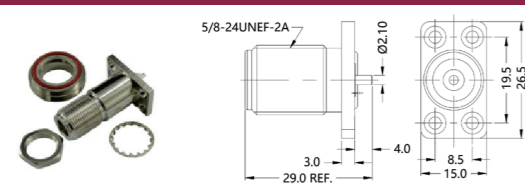
SLK P/N: 5NCF80S-P01-002  
Mounting: 4 hole flange  
Frequency: 6 Ghz

### N straight female connector(PCB connector)



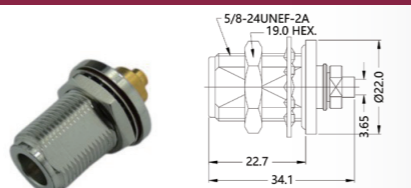
SLK P/N: 5NCF30S-P00  
Mounting: PCB end-launch  
Frequency: 11 Ghz

### N straight female connector(PCB connector)



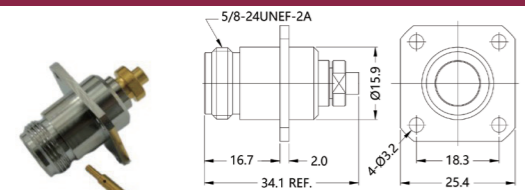
SLK P/N: 5NCF85S-P01-007  
Mounting: 4 hole flange  
Frequency: 6 Ghz

### N straight female connector(Flexible cable solder type)



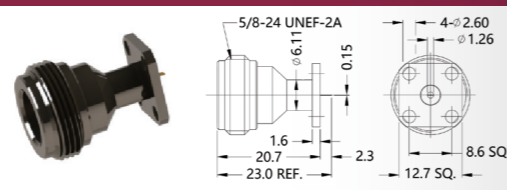
SLK P/N: 5NCF15S-A81  
Cable : TFLEX-402  
Frequency: 6 Ghz

### N straight female connector(Flexible cable solder type)



SLK P/N: 5NCF15S-S02-007  
Cable : RG402  
Frequency: 11 Ghz

### N straight female connector(PCB connector)

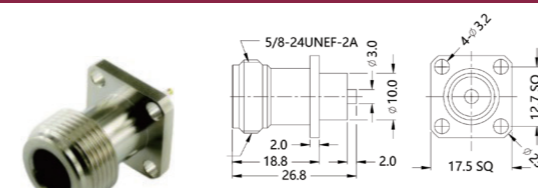


SLK P/N: 5NCF85S-P01-008  
Mounting: 4 hole flange  
Frequency: 11 Ghz

# N Series Connector

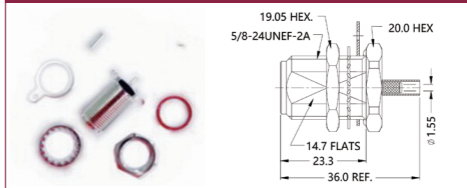
## N Series

### N straight female connector(PCB connector)



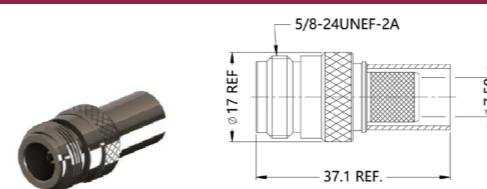
SLK P/N: 5NCF05S-P10-001  
Mounting: 4 hole flange  
Frequency: 6 Ghz

### N straight female connector(Flexible cable solder type)



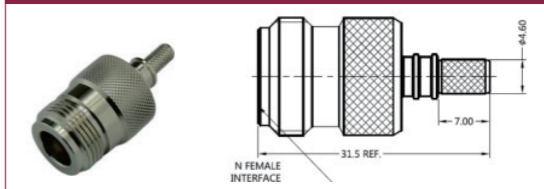
SLK P/N: 5NCF11S-A02-010  
Cable : RG316  
Frequency: 6 Ghz

### N straight female connector(Flexible cable crimping type)



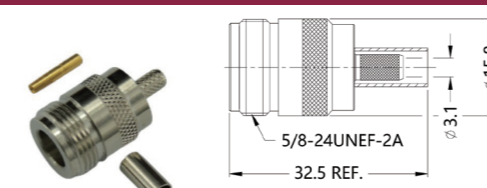
SLK P/N: 5NCF11S-A11-016  
Cable : LMR-400  
Frequency: 4 Ghz

### N straight female connector(Flexible cable crimping type)



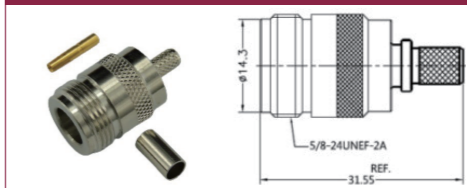
SLK P/N: 5NCF11S-A409-001  
Cable : LMR100A  
Frequency: 12 Ghz

### N straight female connector(Flexible cable crimping type)



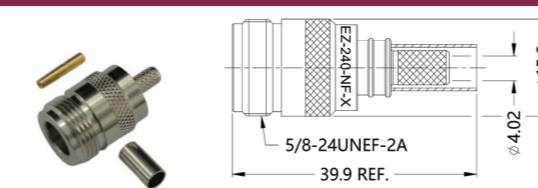
SLK P/N: 5NCF11S-A45-004  
Cable : LMR-195  
Frequency: 6 Ghz

### N straight female connector(Flexible cable crimping type)



SLK P/N: 5NCF11S-A46-002  
Cable : LMR-240  
Frequency: 6 Ghz

### N straight male connector(Flexible cable crimping type)



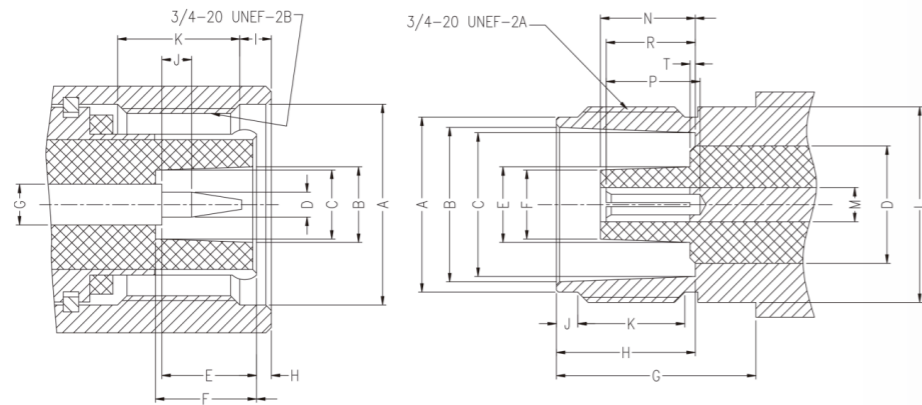
SLK P/N: 5NCF11S-A46-004  
Cable : LMR-240  
Frequency: 6 Ghz

# HN Series Connector

## HN Series

HN RF coaxial connector is a medium-sized threaded connector, which adopts a Teflon insulator full-wrapped structure. Its structural characteristics enable it to be used in environments with greater pressure resistance and high-power environment applications.

It has good waterproof performance, and it has the characteristics of strong shock resistance and high reliability, and it is widely used in high-power requirements in base station equipment, communication transmission systems and medical equipment.



### Male

Label	Minimum	Max
A	19.30	-
B	7.34	-
C	6.68	-
D	1.57	1.68
E	9.04	9.86
F	9.35	1.02
G	-	3.35
H	-	1.47
I	3.05	-
J	10.24	-
K	2.54	-

### Female

Label	Minimum	Max
A	16.81	17.35
B	14.50	14.68
C	13.92	14.05
D	-	10.92
E	-	7.47
F	-	6.81
G	14.99	-
H	13.11	13.26
J	1.96	2.21
K	9.12	-
L	-	19.18
M	-	3.35
N	-	9.35
P	9.12	-
R	8.33	9.09
T	-	0.13

Note: unit mm  
Reference standard: MIL-STD-348A

# HN Series Connector

## HN Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-4 GHz
Operating Voltage	1330 V(RMS)
Medium pressure	4000 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.5 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Male head: brass	Nickel plated
	Female head: beryllium copper, Brass	
Inner conductor	phosphor bronze	Gold plated, silver plated
Insulator	Teflon	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread torque	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times



# HN Series Connector

## HN Series

HN straight male connector (Semi-flexible cable solder type)

22.0 HEX. 15.0 ACROSS 2 FLATS TYP. 13.0 FLATS. 44.7 RFF. 88.35. 15.0.

SLK P/N: 5HNM15S-A370  
Cable : A401  
Frequency: 2 Ghz

HN straight male connector (Semi-flexible cable flow forming type)

Ø22.4. 16.0 FLATS. 46.90 REF. 72.0 REF. 22.0 HEX. 20.0 FLATS. 24.50.

SLK P/N: 5HNM14S-A257  
Cable : SFT-320  
Frequency: 100 MHz

HN straight male connector (Semi-flexible cable flow forming type)

Ø22.4. 21.0 FLATS. 22.0 HEX. 53.0 REF. 15.5. 24.5.

SLK P/N: 5HNM14S-A22-001  
Cable : LMR-600  
Frequency: 4 Ghz

HN straight male connector (Semi-flexible cable flow forming type)

17.0 FLATS. 17.0 FLATS. 22.0 HEX. 66.0 REF. Ø11.0.

SLK P/N: 5HNM14S-A253-005  
Cable : RG393  
Frequency: 2.5 Ghz

HN straight male connector (Semi-flexible cable flow forming type)

21.0 FLATS. 21.0 FLATS. 22.0 HEX. 75.7 REF. Ø14.1.

SLK P/N: 5HNM14S-A51-002  
Cable : RG217  
Frequency: 2.5 Ghz

HN right angle male connector (Semi-flexible cable flow forming type)

22.0 HEX. 49.1 REF. 35.6 REF. 21.0 FLATS. 21.0 FLATS. 87.1 REF. Ø14.1. 3-Ø24.0.

SLK P/N: 5HNM14R-A51-001  
Cable : RG217  
Frequency: 2.5 Ghz

HN straight male connector (Semi-flexible cable flow forming type)

23.0 Flats. 31.0 Flats. 80.3 REF. 33.1 REF.

SLK P/N: 5HNM14S-A252  
Cable : SFT-600  
Frequency: 100 MHz

HN right angle male connector (Semi-flexible cable flow forming type)

39.35 REF. 29.84 REF. 17.0 FLATS. 17.0 FLATS. 77.15 REF. Ø11.0.

SLK P/N: 5HNM14R-A253-005  
Cable : RG393  
Frequency: 2.5 GHz

HN right angle male connector (Semi-flexible cable flow forming type)

49.14 REF. 35.64 REF. 22.0 HEX. 21.0 FLATS. 21.0 FLATS. 87.1 REF. Ø15.25. 3-Ø24.0.

SLK P/N: 5HNM14R-A270  
Cable : SFT-600  
Frequency: 1 Ghz

HN right angle male connector (Semi-flexible cable flow forming type)

45.5 REF. 35.1 REF. 21.0 HEX. 18.0 FLATS. 60.5 REF. Ø11.0.

SLK P/N: 5HNM14R-A312-001  
Cable : SFT-500  
Frequency: 100 MHz

# HN Series Connector

## HN Series

HN straight female connector

3/4-20UNEF-2A. Ø22.23. Ø11.0. Ø2.71. 22.2 HEX. 25.5. 44.7 REF.

SLK P/N: 5HNF11S-A00  
Mounting: front end Bulkhead  
Frequency: 4 Ghz

HN straight female connector (PCB connector)

3/4-20UNEF-2A. 4-Ø4.57. Ø9.34. Ø3.05. 2.96. 2.59min. HOLE. 23.62 TYP. 31.50 SQ. 10.67. 29.21 REF.

SLK P/N: 5HNF25S-P01-001  
Mounting: 4 hole flange  
Frequency: 100 MHz

HN straight female connector (PCB connector)

3/4-20UNEF-2A. 4-Ø4.57. Ø9.34. Ø3.05. 2.96. 2.59min. HOLE. 23.62 TYP. 31.50 SQ. 10.67. 29.21 REF.

SLK P/N: 5HNF25S-P01-002  
Mounting: 4 hole flange  
Frequency: 100 Mhz

HN right angle male connector (Semi-flexible cable flow forming type)

45.6 REF. 21.0. 22.0 HEX. 20.0 FLATS. 18.0 FLATS. 80.34 REF.

SLK P/N: 5HNM14R-A253  
Cable : RG393  
Frequency: 100 MHz

HN right angle male connector (Semi-flexible cable flow forming type)

45.6 REF. 21.0. 22.0 HEX. 20.0 FLATS. 80.34 REF.

SLK P/N: 5HNM14R-A253-003  
Cable : RG393  
Frequency: 100 MHz

HN straight male connector (Semi-flexible cable flow forming type)

Ø22.4. 22.0 HEX. 16.0 FLATS. 20.0 FLATS. 74.20 REF.

SLK P/N: 5HNM14S-A253-001  
Cable : RG393  
Frequency: 100 MHz

HN straight male connector (Semi-flexible cable flow forming type)

20.0 HEX. 16.0 FLATS. 20.0 FLATS. 66.7 REF. Ø22.40.

SLK P/N: 5HNM14S-A253-004  
Cable : RG393  
Frequency: 100 MHz

HN straight male connector (Semi-flexible cable flow forming type)

50.7 FLATS. 50.7 FLATS. 61.4 REF. 58.9 REF. Ø22.4.

SLK P/N: 5HNM14S-A501  
Cable : LMR-1700-DB-TPV  
Frequency: 500 MHz

HN straight female connector

3/4-20UNEF-2A. 9.53 HEX. 4-Ø4.37. Ø42.0. 3.2. 25.40. 25.20. 39.30. 67.9 REF. 24.6. 32.5.

SLK P/N: 5HNF80S-H41  
Mounting: 4 hole flange  
Frequency: 4 Ghz

HN right angle female connector (Semi-flexible cable flow forming type)

45.6 REF. 21.0 SQ. 26.0 HEX. 24.0 FLATS. 23.0 FLATS. 89.05 REF. 18.0.

SLK P/N: 5HNM14R-A252  
Cable : SFT600  
Frequency: 100 MHz

# LC Series Connector

## LC Series

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF.  
38.1 HEX.  
91.3 REF.  
ø17.00

SLK P/N: 5LCM14R-A252-002  
Cable : SFT-600  
Frequency: 100 MHZ

LC right angle male connentor(Semi-flexible cable flow forming type)

64.70 REF.  
52.20  
38.1 HEX.  
83.8 REF.  
ø14.50

SLK P/N: 5LCM14R-A253  
Cable : RG393  
Frequency: 100 MHZ

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF.  
56.00  
38.1 HEX.  
96.0 REF.  
ø24.00

SLK P/N: 5LCM14R-A256  
Cable : RG-218  
Frequency: 100 MHZ

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF.  
56.10 REF.  
38.1 HEX.  
21.0 FLATS  
93.4 REF.  
ø14.60

SLK P/N: 5LCM14R-A270  
Cable : SFT-600  
Frequency: 2.5 GHz

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF.  
56.0 REF.  
38.1 HEX.  
90.4 REF.  
ø15.50

SLK P/N: 5LCM14R-A299  
Cable : HP-226  
Frequency: 100 MHZ

LC straight male connentor(Semi-flexible cable flow forming type)

38.1 HEX.  
81.4 REF.  
94.1 REF.  
ø17.00

SLK P/N: 5LCM14S-A252  
Cable : SFT-600  
Frequency: 1 Ghz

LC straight male connentor(Semi-flexible cable flow forming type)

38.1 HEX.  
77.9 REF.  
90.6 REF.  
ø14.50

SLK P/N: 5LCM14S-A253  
Cable : RG393  
Frequency: 100 MHZ

LC straight male connentor(Semi-flexible cable flow forming type)

5/8-24UNF-2A  
ø22.0

SLK P/N: 5LCM14S-A299  
Cable : HP-226  
Frequency: 100 MHZ

LC straight male connentor(Semi-flexible cable solder type)

38.1 HEX.  
21.0 FLATS  
89.6 REF.  
102.2 REF.  
ø14.60

SLK P/N: 5LCM14S-A270  
Cable : SFT-600  
Frequency: 2.5 GHz

LC straight male connentor(Semi-flexible cable solder type)

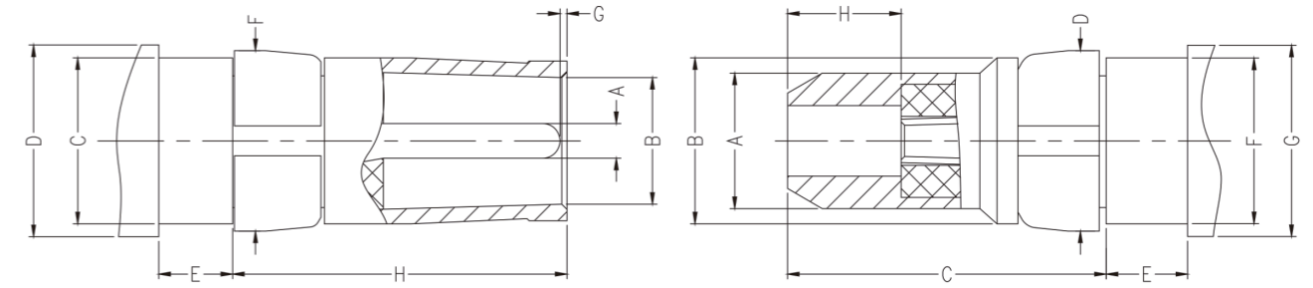
38.1 HEX.  
ø42.0  
ø58.5  
65.3 REF.  
78.0 REF.

SLK P/N: 5LCM14S-A501  
Cable : LMR-1700-DB-TPV  
Frequency: 0.5 GHz

# D-SUB Series Connector

## D-SUB Series

D-SUB series RF coaxial connector is a small push-in RF connector, which has the characteristics of small size, light weight, reliable electrical and mechanical properties, and convenient and fast connection. It is used for high and low frequency printed boards in radio frequency communication equipment. Mixed connectors and RF coaxial cable assemblies in the high frequency loop.



### Male

Label	Minimum	Max
A	0.98	1.01
B	Note 1	
C	4.76	4.79
D	-	6.00
E	2.22	2.40
F	-	5.25
G	0.10	0.50
H	9.35	9.50

### Female

Label	Minimum	Max
A	-	3.85
B	-	4.75
C	8.85	9.00
D	-	5.25
E	2.22	2.40
F	4.76	4.79
G	-	6.00
H	2.80(Conventional valu)	

Note: unit mm

2. The size matching the female head meets the corresponding mechanical and electrical properties.

# D-SUB Series Connector

## D-SUB Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-6 GHz
Operating Voltage	170 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 10.0$ m $\Omega$ (initial value)
	Outer conductor: $\leq 5.00$ m $\Omega$ (initial value)
Insulation resistance	$\geq 1000$ m $\Omega$
VSWR	Straight type: $\leq 1.30$ (typical value)
	Curved type: $\leq 1.35$ (typical value)

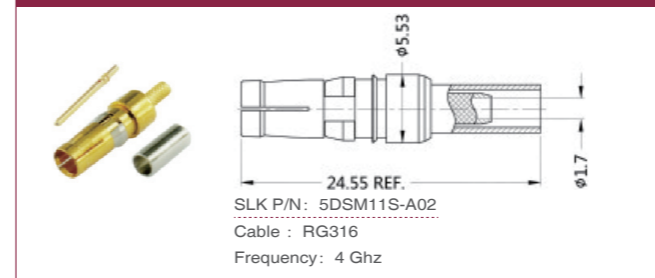
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Male head: brass, beryllium copper, phosphor bronze	Nickel plated, ternary alloy, Gold
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 4$ lbs
Male and female pullout force	1.35 lbs - 4. lbs
Center pin insertion force	$\leq 1.1$ lbs
Center pin pullout force	$\geq 1$ ounce
Center pin retention	$\geq 2.25$ lbs
Durability	500 times

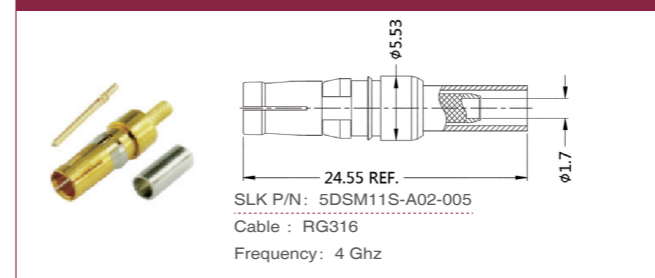
# D-SUB Series Connector

## D-SUB Series

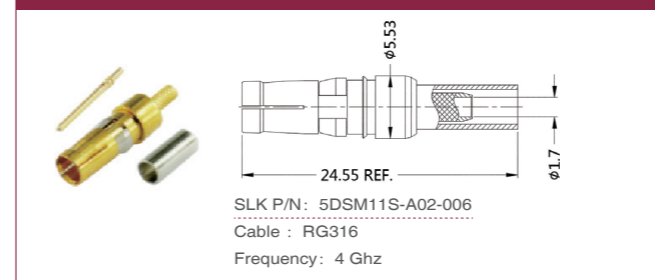
### D-SUB straight male connentor(Flexible cable crimping type)



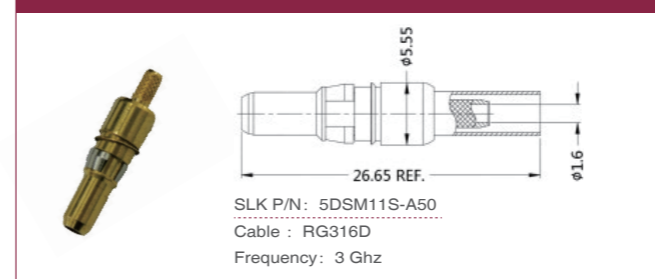
### D-SUB straight male connentor (Flexible cable crimping type)



### D-SUB straight male connentor (Flexible cable crimping type)



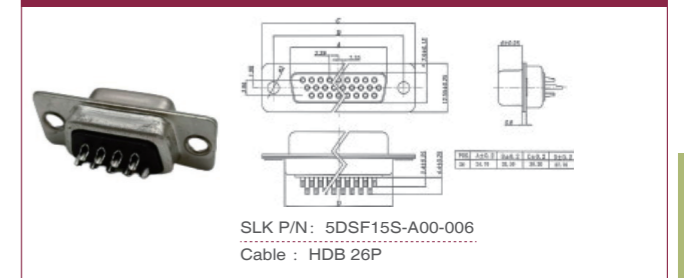
### D-SUB straight male connentor (Flexible cable crimping type)



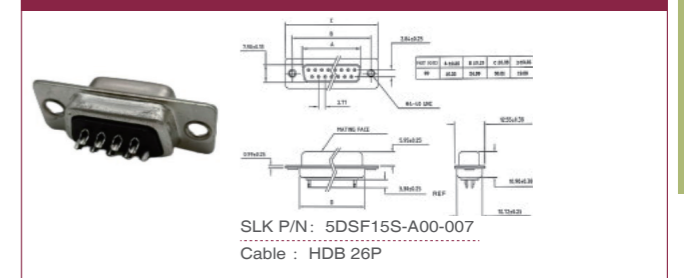
### D-SUB straight male connentor (Flexible cable solder type)



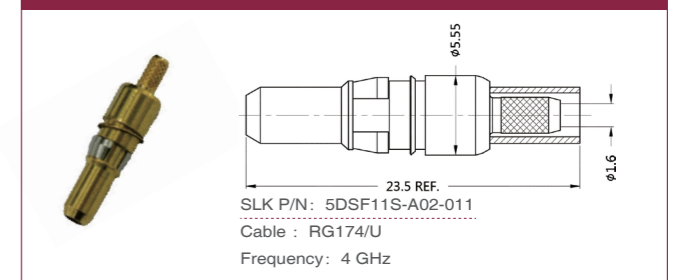
### D-SUB straight female connentor (Integral type)



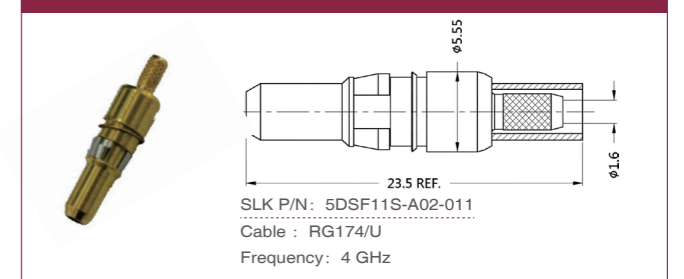
### D-SUB straight female connentor (Integral type)



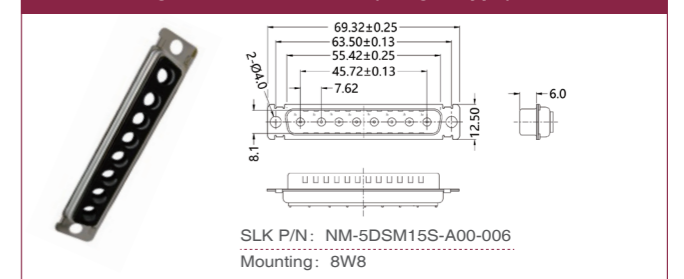
### D-SUB straight female connentor (Flexible cable crimping type)



### D-SUB straight female connentor (Flexible cable crimping type)



### D-SUB straight female connentor(Integral type)

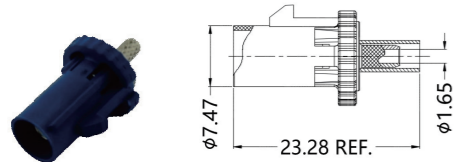


# FAKRA Series Connector

## FAKRA Series

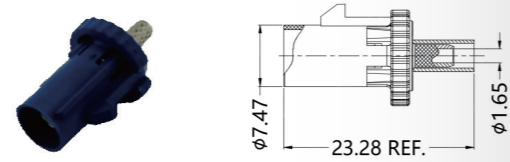
Other series - Superlink provides various other series of connector products, including HN, LC, FAKRA, FME, SBMA, SSMP, bundle connectors, mixed connectors, etc. For more series products, please consult Superlink sales staff.

### FAKRA straight male connector (Flexible cable crimping type)



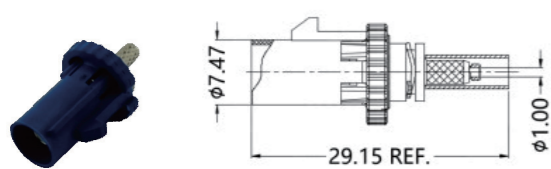
SLK P/N: 5FKM1CS-A02-001  
Cable : RG-316  
Frequency: 4 Ghz

### FAKRA straight male connector (Flexible cable crimping type)



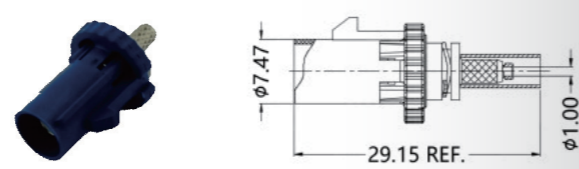
SLK P/N: 5FKM1DS-A02-001  
Cable : φ 1.37 CABLE  
Frequency: 4 Ghz

### FAKRA straight male connector (Flexible cable crimping type)



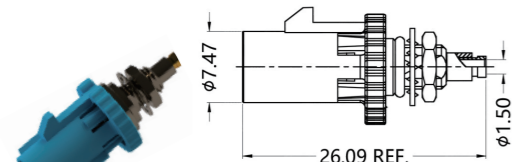
SLK P/N: 5FKM1CS-A03  
Cable : RG-178  
Frequency: 4 Ghz

### FAKRA straight male connector (Flexible cable crimping type)



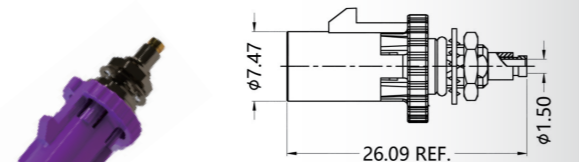
SLK P/N: 5FKM11S-A03  
Cable : RG-178  
Frequency: 4 Ghz

### FAKRA straight male connector (Flexible cable crimping type)



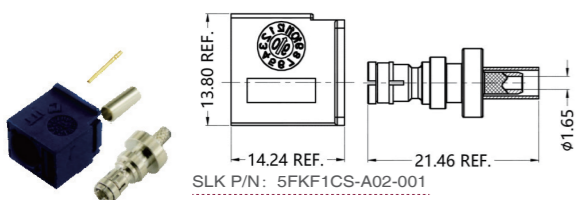
SLK P/N: 5FKM1CS-A72  
Cable : φ 1.37  
Frequency: 4.0GHz

### FAKRA straight male connector (Flexible cable crimping type)



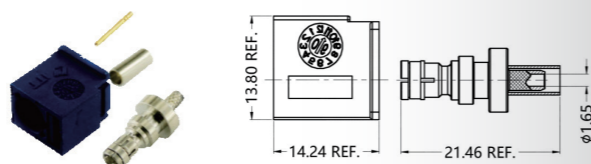
SLK P/N: 5FKM1DS-A72  
Cable : φ 1.37  
Frequency: 4.0GHz

### FAKRA straight female connector (Flexible cable crimping type)



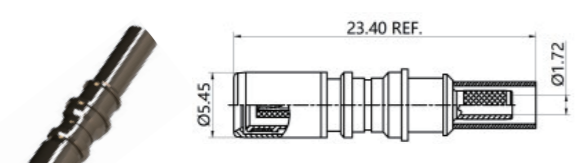
SLK P/N: 5FKF1CS-A02-001  
Cable : RG316  
Frequency: 4 Ghz

### FAKRA straight female connector (Flexible cable crimping type)



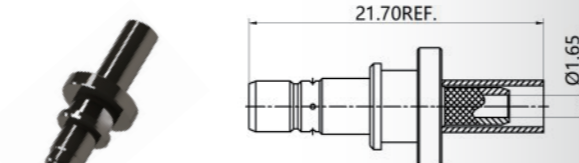
SLK P/N: 5FKF1DS-A02-001  
Cable : RG-316  
Frequency: 4 Ghz

### FAKRA straight female connector (Flexible cable crimping type)



SLK P/N: 5FKF11S-A02-007  
Cable : RG-174  
Frequency: 4 Ghz

### FAKRA straight male connector (Flexible cable crimping type)



SLK P/N: 5FKM10S-A02-006  
Cable : RG-316  
Frequency: 4 Ghz

# Mixed Series Connector

## Mixed series

The MS small modular rectangular electrical connector is a modular combined structure, and the contact arrangement can be freely selected according to the use situation to meet different functional requirements. It can realize the integrated transmission of multiple signals such as radio frequency, power, and low frequency signals at the same time, reducing use space and cost savings

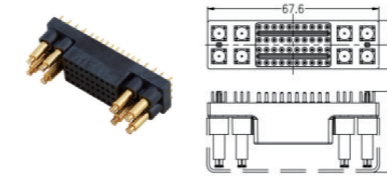
### Use:

Applied to the electrical connection between the equipment and the outside to solve the problem of electrical signal transmission

### Use environment:

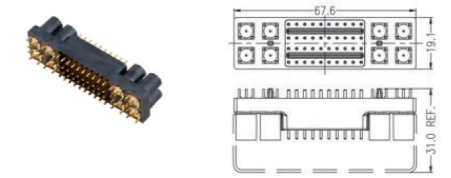
Used in small cabinets indoors or cabins, equipment that needs to be connected to the outside through cables

### Mixed straight female connector (PCB connector)



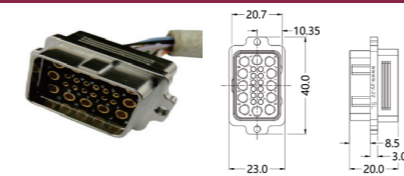
SLK P/N: 5EZF25S-P41  
Multichannel modular: 8×RF ports + 40×Signal ports  
Frequency: 6 Ghz

### Mixed straight male connector(PCB connector)



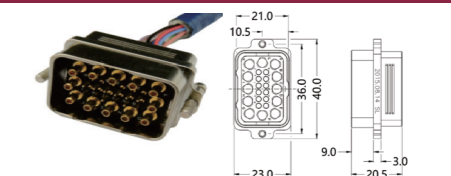
SLK P/N: 5EZM25S-P41  
Multichannel modular: 8×RF ports + 40×Signal ports  
Frequency: 6 Ghz

### Non-magnetic mixed straight female connector(flexible cable solder type)



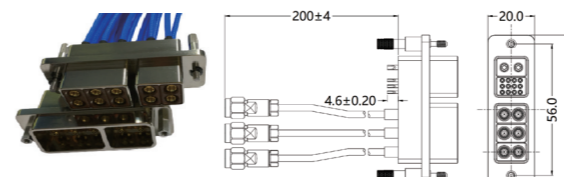
SLK P/N: NM-5EZF00S-T00  
Multichannel modular: 12×RF ports + 12×Signal ports  
Frequency: 2.5 GHz

### Non-magnetic mixed straight female connector(flexible cable solder type)



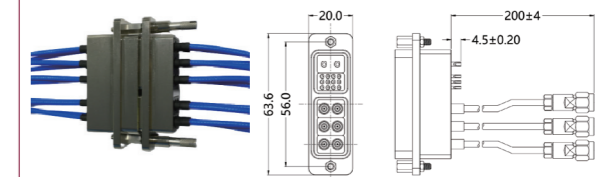
SLK P/N: NM-5EZM00S-T00  
Multichannel modular: 12×RF ports + 12×Signal ports  
Frequency: 2.5 GHz

### Modular high and low frequency mixed female connector



SLK P/N: 5QTF15S-A00-002  
Frequency: 40 Ghz

### Modular high and low frequency mixed male connector



SLK P/N: 5QTM15S-A00-009  
Frequency: 40 Ghz

# Bundle Series Connector

## Bundle Series

5-core bundled straight male connector(corrugated cable solder type)

SLK P/N: 5EZM15S-LS14  
Cable : 1/4"  
Frequency: 6 GHz

5-core bundled straight female connector(semi-flex cable solder type)

SLK P/N: 5EZF15S-S02  
Cable : RG402  
Frequency: 6 GHz

8-core bundled straight female connector(flexible cable crimping type)

SLK P/N: 5EZF14S-A50  
Cable : RG316D  
Frequency: 3 GHz

8-core bundled straight male connector(flexible cable crimping type)

SLK P/N: 5EZM14S-A50  
Cable : RG316D  
Frequency: 3 GHz

8-core bundle male connector(flexible cable crimping type)

SLK P/N: 5EZM11S-A02  
Cable : RG316  
Frequency: 2.5 GHz

8-core bundle female connector(PCB connector)

SLK P/N: 5EZF25S-P31  
Mounting: PCB through hole  
Frequency: 2.5 GHz

# Adapter Series

## Adapter Series

7/16 male to N female adapter

SLK P/N: 5A7M06S-NCF  
Frequency: 6 GHz

N male to SMA female adapter

SLK P/N: 5NCM06S-MAF  
Frequency: 18 GHz

7/16 male to 3.5mm female adapter

SLK P/N: 5A7M06S-P3F-001  
Frequency: 6 GHz

N male to BNC female adapter

SLK P/N: 5BNF06S-NCM  
Frequency: 3.5GHz

7/16 female to 7/16 female adapter

SLK P/N: 5A7F06S-A7F-004  
Frequency: 6 GHz

N female to TNC male adapter

SLK P/N: 5NCF06S-TCM  
Frequency: 18 GHz

N male to N male 90° adapter

SLK P/N: 5NCM06R-NCM  
Frequency: 18 GHz

MCX 75Ω male to N 75Ω femal adapter

SLK P/N: 7MXM06S-NCF  
Frequency: 3 GHz

N female to N femal adapter

SLK P/N: 5NCF06S-NCF  
Frequency: 11 GHz

N female to N female adapter

SLK P/N: 5NCF06S-NCF-001  
Frequency: 11 GHz

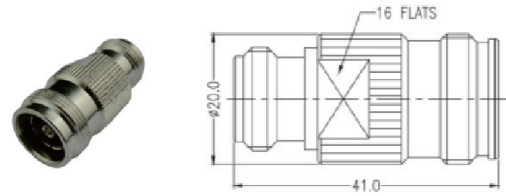
Bundle series

Adapter series

# Adapter Series

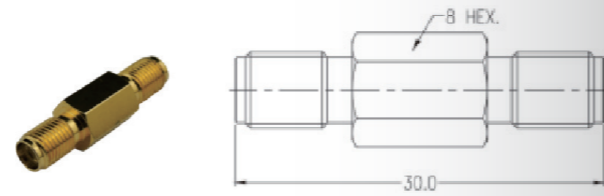
## Adapter Series

N female to 4.3/10 female adapter



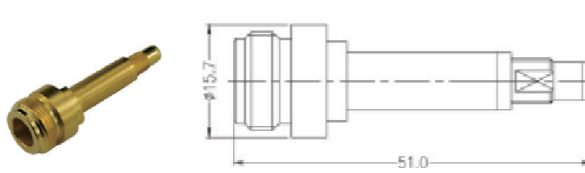
SLK P/N: 5NCF06S-SDF  
Frequency: 6 Ghz

SMA female to SMA female adapter



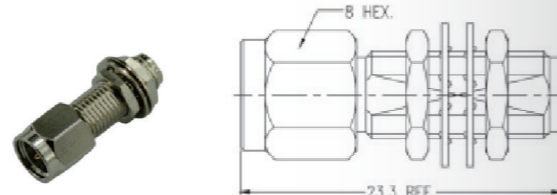
SLK P/N: 5MAF06S-MAF  
Frequency: 6 Ghz

BMA male to MMCX female adapter



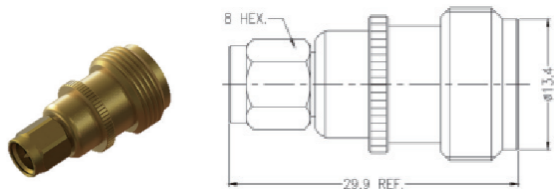
SLK P/N: 5BMM06S-MCF  
Frequency: 11 Ghz

SMA female to SMA male adapter



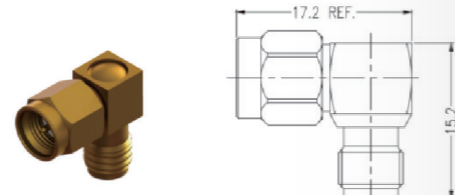
SLK P/N: 5MAF06S-MAM  
Frequency: 12.4 Ghz

SMA male to N female adapter



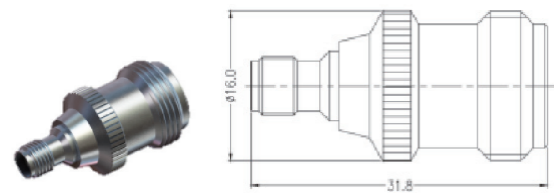
SLK P/N: 5MAM06S-NCF-008  
Frequency: 6 Ghz

SMA female to SMA male 90° adapter



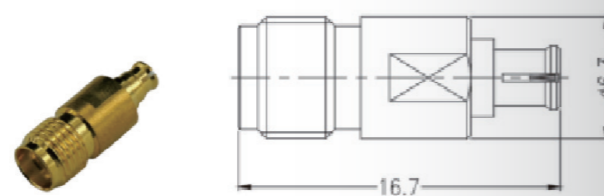
SLK P/N: 5MAF06R-MAM  
Frequency: 11 Ghz

SMA female to N female adapter



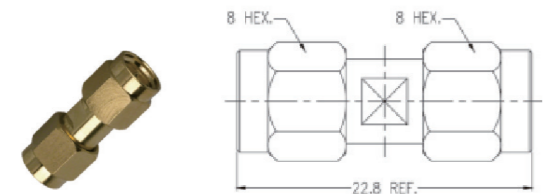
SLK P/N: 5MAF06S-NCF-003  
Frequency: 18 Ghz

SMA female to SMP female adapter



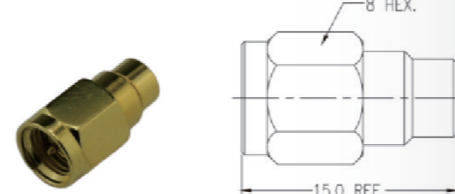
SLK P/N: 5MAF06S-SPF  
Frequency: 18 Ghz

SMA male to SMA male adapter



SLK P/N: 5MAM06S-MAM  
Frequency: 11 Ghz

SMA male to SMP male adapter

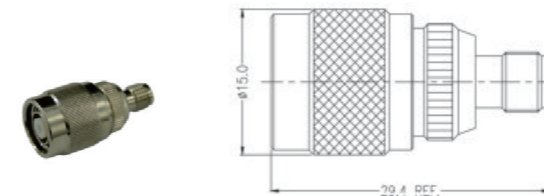


SLK P/N: 5MAM06S-SPM  
Frequency: 6 Ghz

# Adapter Series

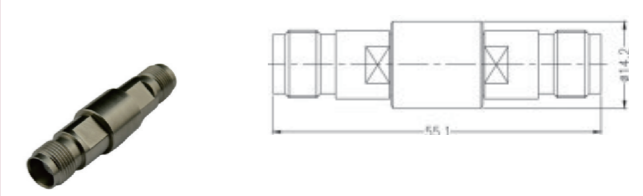
## Adapter Series

R/P TNC male to SMA female adapter



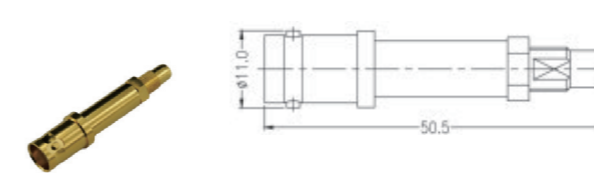
SLK P/N: 5MAF06S-RTCM  
Frequency: 6 Ghz

TNC female to TNC female adapter



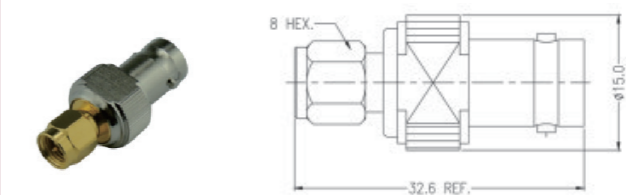
SLK P/N: 5TCF06S-TCF  
Frequency: 18 Ghz

BNC female to BMA male adapter



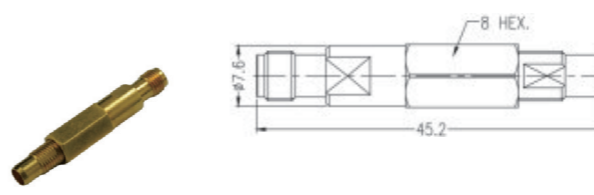
SLK P/N: 5BMM06S-BNF  
Frequency: 6 Ghz

BNC female to SMA male adapter



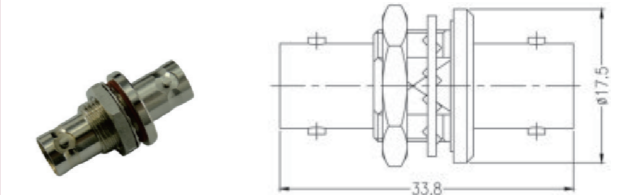
SLK P/N: 5BNF06S-MAM  
Frequency: 6 Ghz

BMA male to SMA female adapter



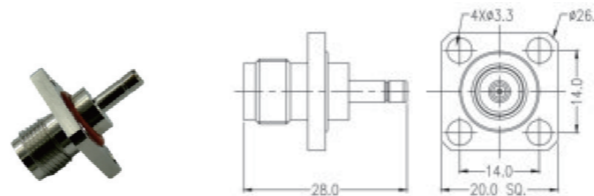
SLK P/N: 5BMM06S-MAF  
Frequency: 18 Ghz

BNC female to BNC female adapter



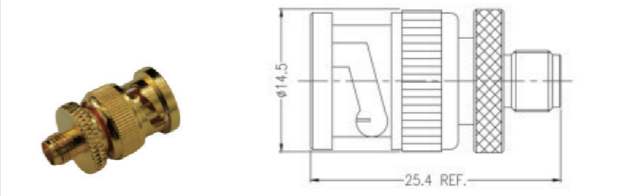
SLK P/N: 5BNF06S-BNF  
Frequency: 4 Ghz

TNC female to SMB female adapter



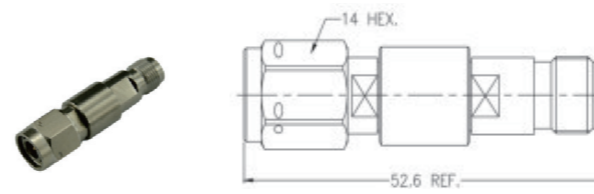
SLK P/N: 5MBF06S-TCF  
Frequency: 2 Ghz

SMA female to BNC male adapter



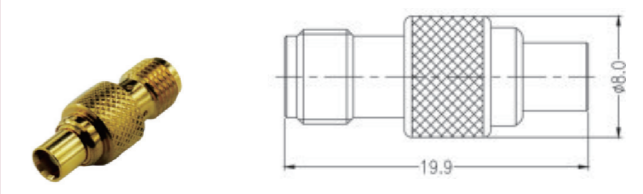
SLK P/N: 5BMM06S-MAF  
Frequency: 6 Ghz

TNC female to TNC male adapter



SLK P/N: 5TCF06S-TCM  
Frequency: 18 Ghz

SMA female to MCX female adapter

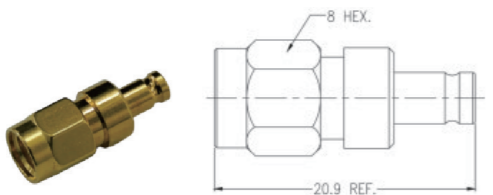


SLK P/N: 5MAF06S-MXF  
Frequency: 6 Ghz

# Adapter Series

## Adapter Series

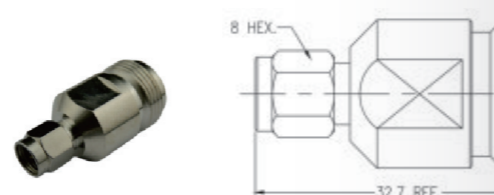
**SMA male to 1.0/2.3 female adapter**



8 HEX.  
20.9 REF.

SLK P/N: 5A1F06S-MAM  
Frequency: 4 Ghz

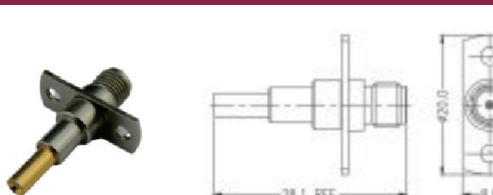
**3.5mm male to N female adapter**



8 HEX.  
32.7 REF.

SLK P/N: 5NCF06S-P3M  
Frequency: 18Ghz

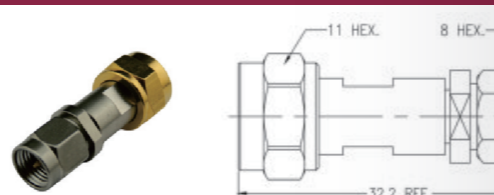
**SMA female Ms156 male adapter**



2xØ2.6  
28.1 REF.  
14.0  
8.0

SLK P/N: 5EZM06S-MAF  
Frequency: 6 Ghz

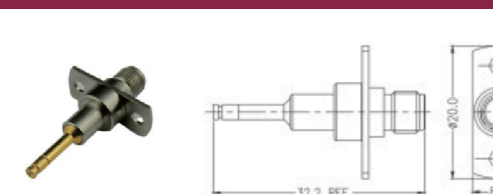
**3.5mm male to BMA female adapter**



11 HEX. 8 HEX.  
32.2 REF.

SLK P/N: 5BMF06S-P3M  
Frequency: 18 Ghz


**SMA female to MS180 male adapter**



2xØ2.6  
32.2 REF.  
14.0  
8.0

SLK P/N: 5EZM06S-MAF-001  
Frequency: 6 Ghz

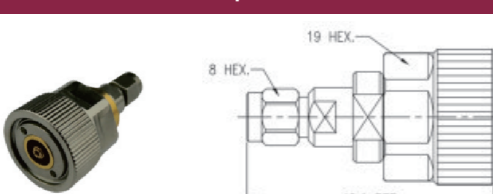
**3.5mm male to BMA male adapter**



8 HEX.  
29.2 REF.

SLK P/N: 5P3M06S-BMM  
Frequency: 18 Ghz

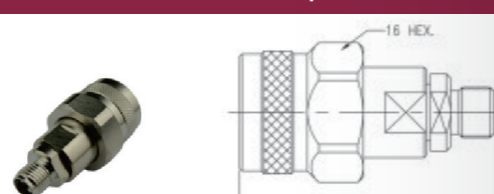
**7mm to 3.5mm male adapter**



19 HEX. 8 HEX.  
40.1 REF.  
Ø22.0

SLK P/N: 5P3M06S-P7M  
Frequency: 18 Ghz

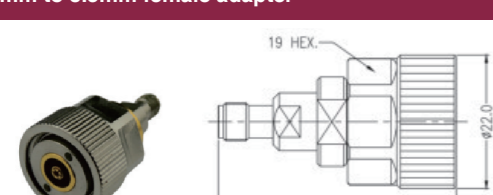
**3.5mm female to TNC male adapter**



16 HEX.  
31.6 REF.

SLK P/N: 5TCM06S-P3F  
Frequency: 6 GHz

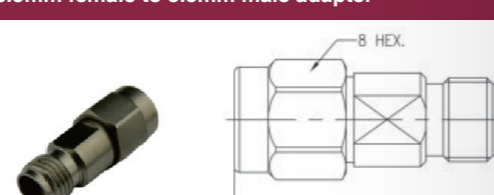
**7mm to 3.5mm female adapter**



19 HEX. 8 HEX.  
39.2 REF.  
Ø22.0

SLK P/N: 5P3F06S-P7F  
Frequency: 18 Ghz

**3.5mm female to 3.5mm male adapter**



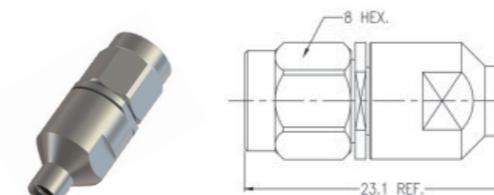
8 HEX.  
20.1 REF.

SLK P/N: 5P3F06S-P3M  
Frequency: 26 Ghz

# Adapter Series

## Adapter Series

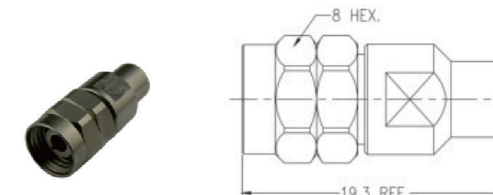
**2.92mm male to SMP male adapter**



8 HEX.  
23.1 REF.

SLK P/N: 5P9M06S-SPM  
Frequency: 18 Ghz

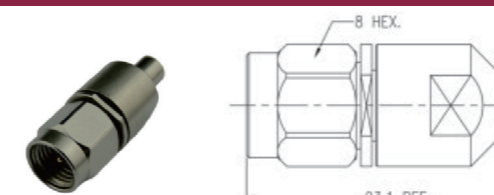
**2.4mm male to SSMP male adapter**



8 HEX.  
19.3 REF.

SLK P/N: 5MPM06S-P4M  
Frequency: 50 Ghz

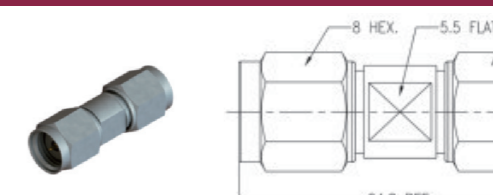
**2.92mm male to SSMP male adapter**



8 HEX.  
23.1 REF.

SLK P/N: 5MPM06S-P9M  
Frequency: 40 Ghz

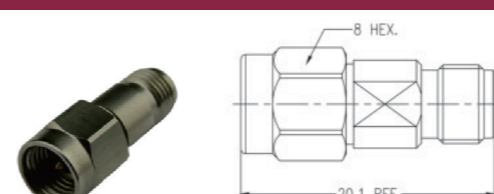
**2.4mm male to 2.92mm male adapter**



8 HEX. 5.5 FLATS 8 HEX.  
24.8 REF.

SLK P/N: 5P4M06S-P9M  
Frequency: 40 Ghz

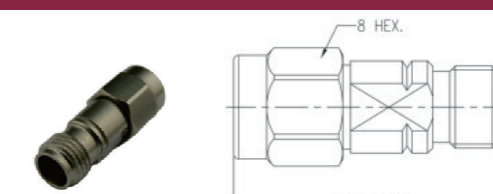
**2.92mm male to 3.5mm female adapter**



8 HEX.  
20.1 REF.

SLK P/N: 5P3F06S-P9M  
Frequency: 26 Ghz

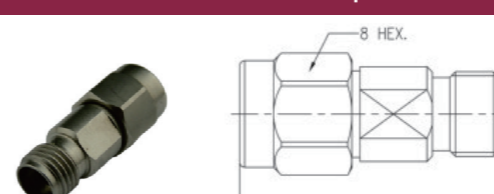
**2.4mm female to 2.92mm male adapter**



8 HEX.  
21.0 REF.

SLK P/N: 5P4F06S-P9M  
Frequency: 40 Ghz

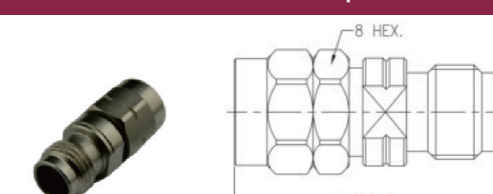
**2.92mm female to 3.5mm male adapter**



8 HEX.  
20.1 REF.

SLK P/N: 5P3M06S-P9F  
Frequency: 26 Ghz

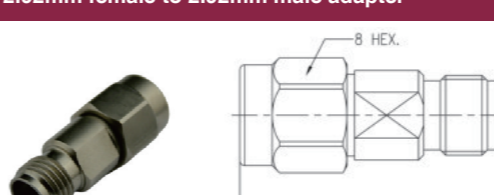
**2.4mm female to 2.4mm male adapter**



8 HEX.  
19.1 REF.

SLK P/N: 5P4F06S-P4M  
Frequency: 26 GHz

**2.92mm female to 2.92mm male adapter**



8 HEX.  
20.1 REF.

SLK P/N: 5P9F06S-P9M  
Frequency: 40 Ghz

**1.85mm female to 1.85mm female adapter**



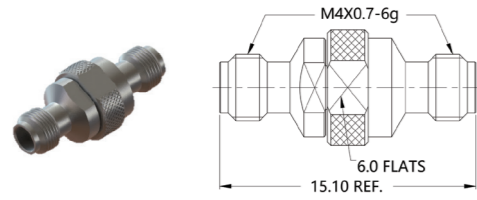
5.5 FLATS  
19.7  
45.8

SLK P/N: 5P1F06S-P1F  
Frequency: 65 GHz

# Adapter Series

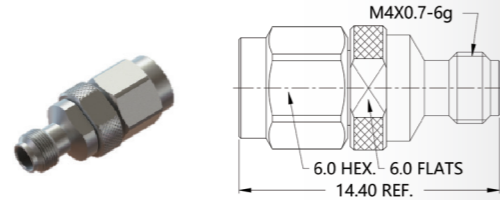
## Adapter Series

1.0mm female to 1.0mm female adapter



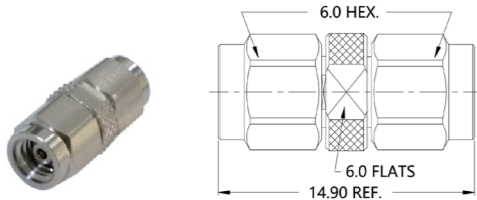
SLK P/N: T-5T1F06S-T1F  
Frequency: 110 Ghz

1.0mm female to 1.0mm male adapter



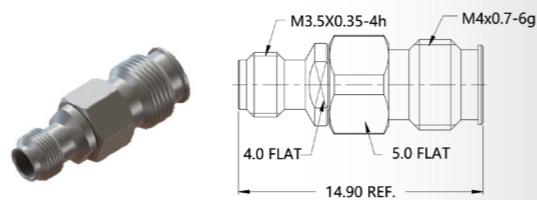
SLK P/N: T-5T1F06S-T1M  
Frequency: 110 Ghz

1.0mm male to 1.0mm male adapter



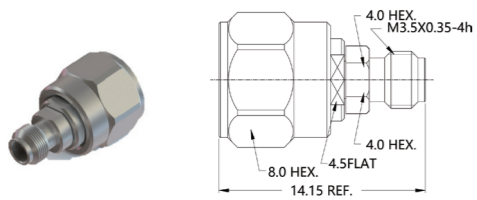
SLK P/N: T-5T1M06S-T1M  
Frequency: 110 Ghz

1.35mm female to 1.0mm female adapter



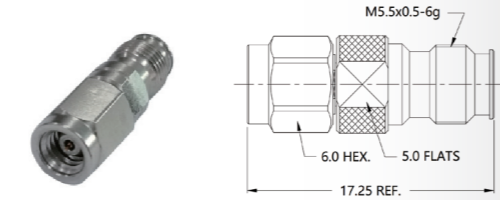
SLK P/N: 5T1F06S-T2F  
Frequency: 90 Ghz

1.35mm male to 1.0mm female adapter



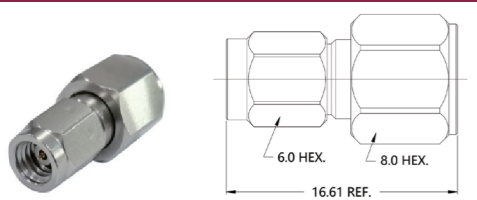
SLK P/N: 5T1F06S-T2M  
Frequency: 90 Ghz

1.35mm female to 1.0mm male adapter



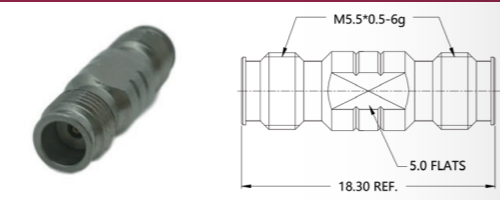
SLK P/N: 5T1M06S-T2F  
Frequency: 90 Ghz

1.35mm male to 1.0mm male adapter



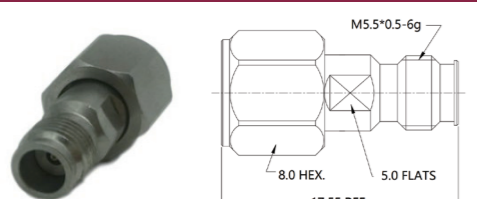
SLK P/N: 5T1M06S-T2M  
Frequency: 90 Ghz

1.35mm female to 1.35mm female adapter



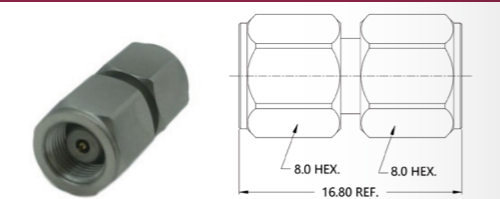
SLK P/N: 5T2F06S-T2F  
Frequency: 90 Ghz

1.35mm female to 1.35mm male adapter



SLK P/N: 5T2F06S-T2M  
Frequency: 90 Ghz

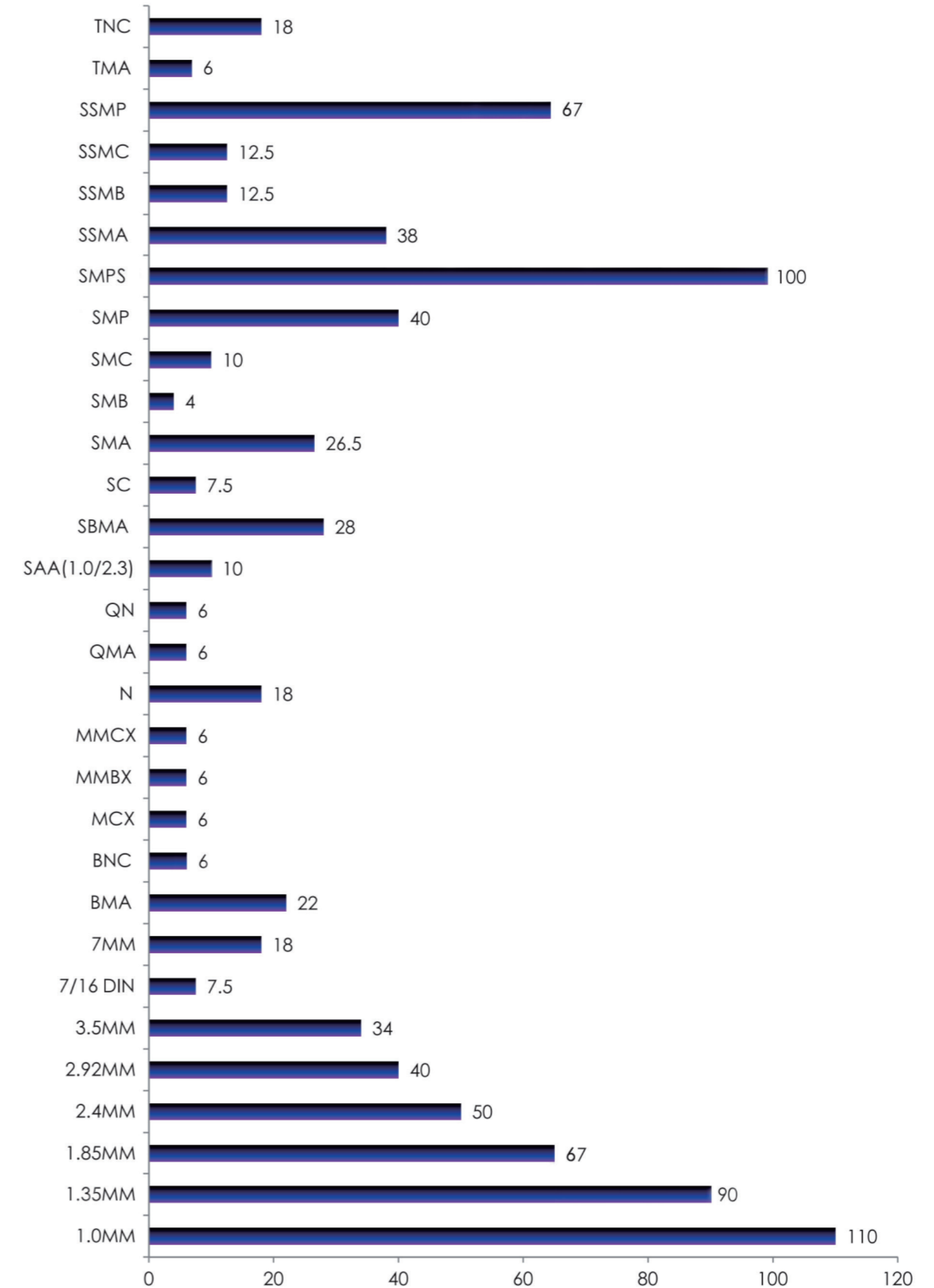
1.35mm male to 1.35mm male adapter



SLK P/N: 5T2M06S-T2M  
Frequency: 90 Ghz

# Coaxial Connector Frequency Table

## Reference





# Material Abbreviations

## Reference

### TLH series test result

AL	.....Aluminum
BC	.....Bare Copper
BeCu	.....Beryllium-Copper Alloy 172
BCCAl	.....Bare Copper Clad Aluminum
CCS	.....Bare Copper Clad Steel
GS	.....Galvanized Steel
HR	.....High Resistance Wire
MW	.....Magnet Wire
NC	.....Nickel Covered Copper
SA	.....Silver Covered Alloy
SC	.....Silver Covered Copper
SCBeCu	.....Silver Covered Beryllium Copper
SCCadBr	.....Silver Covered Cadmium Bronze
SCCAI	.....Silver Covered Copper Clad Aluminum
SCCS	.....Silver Covered Copper Clad Steel
SNCCS	.....Silver Covered Nickel Covered Copper Clad Steel
SCS	.....Silver Covered Copper Strip
TC	.....Tinned Copper
TCCS	.....Tinned Copper Clad Steel

### TLH series test result

PE	.....Solid Low Density Polyethylene
PTFE	.....Solid Polytetrafluoroethylene
LDTFE	.....Low Density PTFE
Foam PE	.....Gas Injected Foam PE
FEP	.....Solid Fluorinated Ethylene Propylene
CPT	.....Conductive PTFE
CPE	.....Conductive Polyethylene

### TLH series test result

E-CTFE	.....Ethylene Chlorotrifluoroethylene Type XI per MIL-C-17
ETFE	.....Ethylene Tetrafluoroethylene Copolymer Type X per MIL-C-17
FEP	.....Fluorinated Ethylene Propylene Type IX per MIN-C-17
FG Braid	.....Fiberglass; Impregnated Type V per MIL-C-17
PE	.....Clear Polyethylene Type III per MIL-C-17
LS/LT	.....Low Smoke/Low Toxicity (XLPE)
PE	.....Polyethylene, black HMW Type IIIA per MIL-C-17
PFA	.....Perfluoroalkoxy Type XIII per MIL-C-17
PTFE	.....Polytetrafluoroethylene Type VIIA per MIL-C-17
PUR	.....Polyurethane, black Type XII per MIL-C-17
PVC-I	.....Polyvinyl Chloride, black (contaminating) Type I per MIL-C-17
PVC-II	.....Polyvinyl Chloride, grey (non-contaminating) Type II per MIL-C-17
PVC-IIA	.....Polyvinyl Chloride, black (non-contaminating) Type IIA per MIL-C-17
Rubber	Per MIL-C-17 (obsolete)
SIL/DAC	.....Dacron Braid over Silicone Rubber Type VI per MIL-C-17
TPE	.....Thermo Plastic Elastomer
XLPE	.....Crosslinked Polyolefin Type XIV per MIL-C-17

# Material abbreviations

## Mechanical behavior

Symbol	Definition	Units	Symbol	Definition	Units
$\alpha$	= Attenuation in dB/100 feet	dB/100	Fco	= Cutoff frequency	Ghz
$\epsilon$	= Dielectric constant	feet	C	= Braid carriers	
$\Gamma$	= Reflection coefficient		N	= Braid ends per carrier	
$\Phi$	= Electrical length		t	= Flat strip thickness	inches
C	= capacitance	degrees	w	= Flat strip width	inches
L	= Inductance	pF/foot	SRL	= Return loss	dB
Zo	= Impedance	uH/foot	VSWR	= VSWR	
Vp	= Velocity of propagation	Ohms	FWD	= Forward power	dB
df	= Dissipation factor	%	RFL	= Reflected power	dB
Td	= Time delay		MML	= Mismatch loss	dB
F	= Frequency	nS/foot	ME	= Match efficiency	%
PTC	= Phase temperature coefficient	MHz	$k_2$	= 1.0 for solid center conductor	
$\Delta T$	= Change in temperature (t2 t0 t1)	ppm/C		= 0.939 for 7 strand center conductor	
LTH	= Length	C		= 0.97 for 19 strand center conductor	
$\Delta\phi$	= Change in electrical length (t1 to t2)	feet	log	= logarithm to base 10	
D	= dielectric diameter	degrees	ln	= logarithm to base e	
d	= center conductor diameter	inches	$k_2$	= resistive loss constant	
ds	= Braid wire size	inches	$k_2$	= dielectric loss constant	
Fbd	= Braid factor	inches			

# Mixed Series Connector

## Reference

### Impedance (ohms)

$$Z_0 = 138 V_p \log \left( \frac{D}{d \cdot k_s} \right) = 60 V_p \ln \left( \frac{D}{d \cdot k_s} \right)$$

$$Z_0 = \frac{138}{\sqrt{\epsilon}} \log \left( \frac{D}{d \cdot k_s} \right) = \frac{60}{\sqrt{\epsilon}} \ln \left( \frac{D}{d \cdot k_s} \right)$$

$$Z_0 = \sqrt{L/C}$$

### Electrical Length (degrees)

$$\Phi = \frac{360 \cdot F \cdot L_{TH}}{984 \cdot V_p}$$

$$\Phi = \frac{360 \cdot F \cdot L_{TH} \cdot \sqrt{\epsilon}}{984}$$

### Impedance (ohms)

$$V_p = \frac{1}{\sqrt{\epsilon}} = \frac{1}{V_p^2}$$

### Electrical Length (degrees)

$$PTC = \frac{\Delta\Phi \cdot 1 \times 10^6}{\Phi \cdot \Delta T}$$

### Impedance (ohms)

$$T_d = \frac{1.016}{V_p} = 1.016 \sqrt{\epsilon}$$

### Electrical Length (degrees)

$$\Delta\Phi = \frac{PTC \cdot \Phi \cdot \Delta T}{1 \times 10^6}$$

### Impedance (ohms)

$$C = \frac{7.36\epsilon}{V_p^2 \log \left( \frac{D}{d \cdot k_s} \right)} = \frac{16.95\epsilon}{V_p^2 \ln \left( \frac{D}{d \cdot k_s} \right)}$$

$$C = \frac{7.36}{V_p^2 \log \left( \frac{D}{d \cdot k_s} \right)} = \frac{16.95}{V_p^2 \ln \left( \frac{D}{d \cdot k_s} \right)}$$

$$C = \frac{1016}{Z_0 \cdot V_p}$$

### Electrical Length (degrees)

$$RL = -20 \log \Gamma$$

$$RL = -20 \log \frac{VSWR-1}{VSWR+1}$$

$$RL = -10 \log \frac{RFL}{FWD}$$

### Impedance (ohms)

$$L = .140 \log \left( \frac{D}{d \cdot k_s} \right) = .0606 \ln \left( \frac{D}{d \cdot k_s} \right)$$

$$L = \frac{Z_0^2 \cdot C}{1 \times 10^6}$$

### Electrical Length (degrees)

$$VSWR = \frac{1 + \Gamma}{1 - \Gamma}$$

$$VSWR = \frac{1 + 10^{RL/20}}{1 - 10^{RL/20}}$$

$$VSWR = \frac{1 + \sqrt{RFL/FWD}}{1 - \sqrt{RFL/FWD}}$$

### Impedance (ohms)

$$\alpha = \frac{.4343}{Z_0 \cdot D} \left[ \frac{D}{d \cdot k_s} + Fbd \right] \sqrt{F} + \frac{2.78 \cdot df \cdot F}{V_p}$$

$$\alpha = k_1 \sqrt{F} + k_2 F$$

### Electrical Length (degrees)

$$\Gamma = 10^{-RL/20}$$

$$\Gamma = \frac{VSWR - 1}{VSWR + 1}$$

$$\Gamma = \sqrt{RFL/FWD}$$

### Impedance (ohms)

$$\text{Round Wire Braid: } Fbd = \frac{8D + 16 ds}{C \cdot N \cdot ds}$$

$$\text{Flat Strip Braid: } Fbd = \frac{2\pi (D + 2t)}{C \cdot W}$$

$$\text{Solid Tube: } Fbd = 1.0$$

### Electrical Length (degrees)

$$ME = (1 - \Gamma^2) \cdot 100$$

$$ME = \left[ 1 - \left( \frac{VSWR-1}{VSWR+1} \right)^2 \right] \cdot 100$$

$$ME = \left( \frac{FWD-RFL}{FWD} \right) \cdot 100$$

### Impedance (ohms)

$$Fco = \frac{7.5 \cdot V_p}{(D + (d \cdot k_s)) \cdot 7.5}$$

$$Fco = \frac{7.5}{\sqrt{\epsilon} (D + (d \cdot k_s))}$$

### Electrical Length (degrees)

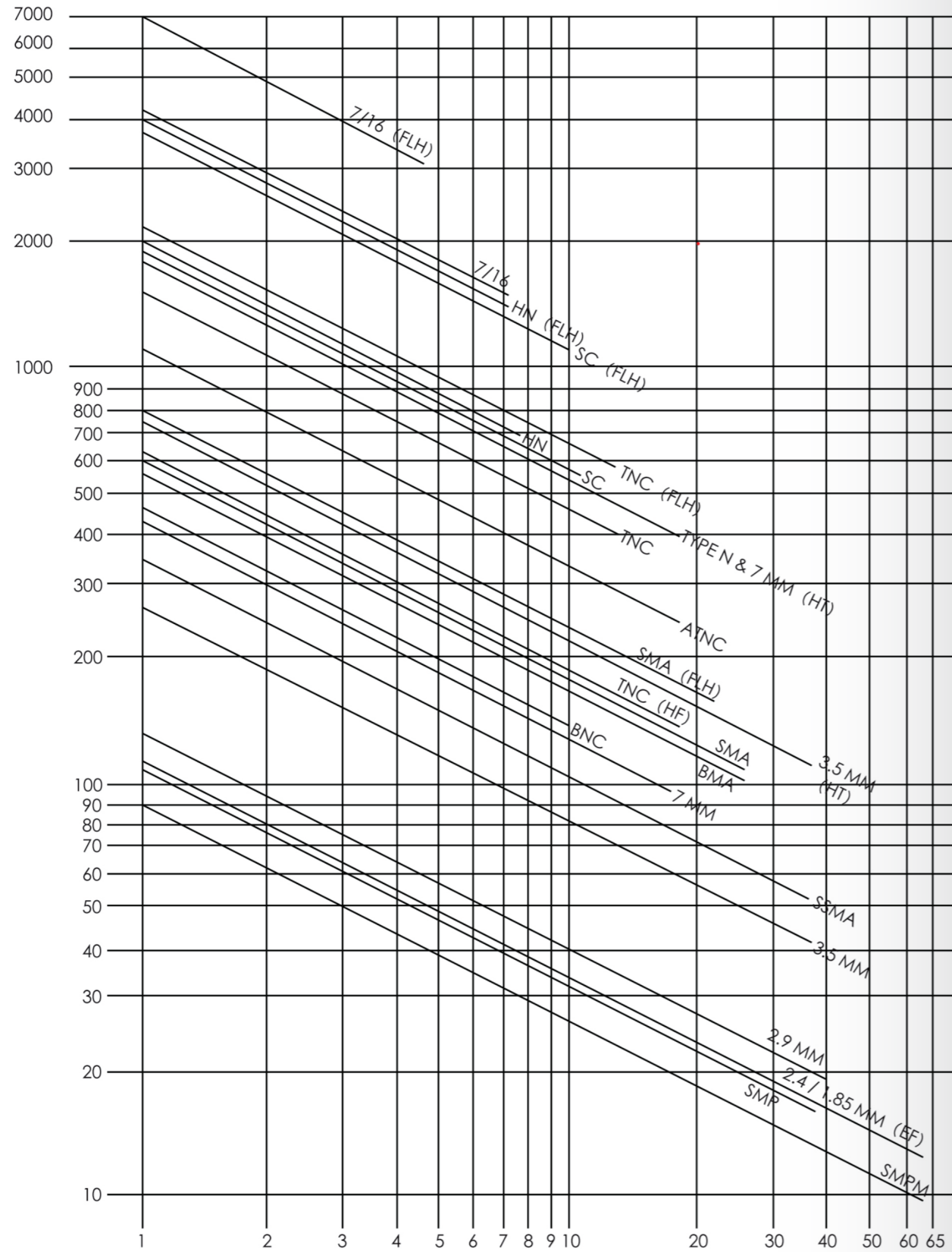
$$MML = -10 \log (1 - \Gamma^2)$$

$$MML = -10 \log \left[ 1 - \left( \frac{VSWR-1}{VSWR+1} \right)^2 \right]$$

$$MML = -10 \log \left( 1 - \frac{RFL}{FWD} \right)$$

# RF Connector Average Power

## Reference



# Adapter Series

## Reference

VSWR	Return Loss(dB)	Reflection Coefficient	Mismatch Loss(dB)	Match Efficiency (%)	VSWR	Return Loss(dB)	Reflection Coefficient	Mismatch Loss(dB)	Match Efficiency (%)
1.01	46.06	0.0050	0.000	100.00	1.55	13.32	0.2157	0.207	95.35
1.02	40.09	0.0099	0.000	99.99	1.60	12.74	0.2308	0.238	94.67
1.03	36.61	0.0148	0.001	99.98	1.65	12.21	0.2453	0.270	93.98
1.04	34.15	0.0196	0.002	99.96	1.70	11.73	0.2593	0.302	93.28
1.05	32.26	0.0244	0.003	99.94	1.75	11.29	0.2727	0.336	92.56
1.06	30.71	0.0291	0.004	99.92	1.80	10.88	0.2857	0.370	91.84
1.07	29.42	0.0338	0.005	99.89	1.85	10.51	0.2982	0.405	91.10
1.08	28.30	0.0385	0.007	99.85	1.90	10.16	0.3103	0.440	90.37
1.09	27.32	0.0431	0.008	99.81	1.95	9.84	0.3220	0.475	89.63
1.10	26.44	0.0476	0.010	99.77	2.00	9.54	0.3333	0.511	88.89
1.11	25.66	0.0521	0.012	99.73	2.10	9.00	0.3548	0.584	87.41
1.12	24.94	0.0566	0.014	99.68	2.20	8.52	0.3750	0.658	85.94
1.13	24.29	0.0610	0.016	99.63	2.30	8.09	0.3939	0.732	84.48
1.14	23.69	0.0654	0.019	99.57	2.40	7.71	0.4118	0.807	83.04
1.15	23.13	0.0698	0.021	99.51	2.50	7.36	0.4286	0.882	81.63
1.16	22.61	0.0741	0.024	99.45	2.60	7.04	0.4444	0.956	80.25
1.17	22.12	0.0783	0.027	99.39	2.70	6.76	0.4595	1.030	78.89
1.18	21.66	0.0826	0.030	99.32	2.80	6.49	0.4737	1.104	77.56
1.19	21.23	0.0868	0.033	99.25	2.90	6.25	0.4872	1.176	76.27
1.20	20.83	0.0909	0.036	99.17	3.00	6.02	0.5000	1.249	75.00
1.21	20.44	0.0950	0.039	99.10	3.10	5.81	0.5122	1.321	73.77
1.22	20.08	0.0991	0.043	99.02	3.20	5.62	0.5238	1.393	72.56
1.23	19.73	0.1031	0.046	98.94	3.30	5.43	0.5349	1.464	71.39
1.24	19.40	0.1071	0.050	98.85	3.40	5.26	0.5455	1.534	70.25
1.25	19.08	0.1111	0.054	98.77	3.50	5.11	0.5556	1.603	69.14
1.26	18.78	0.1150	0.058	98.68	3.60	4.96	0.5652	1.672	68.05
1.27	18.49	0.1189	0.062	98.59	3.70	4.81	0.5745	1.739	67.00
1.28	18.22	0.1228	0.066	98.49	3.80	4.68	0.5833	1.807	65.97
1.29	17.95	0.1266	0.070	98.40	3.90	4.56	0.5918	1.873	64.97
1.30	17.69	0.1304	0.074	98.30	4.00	4.44	0.6000	1.938	64.00
1.31	17.45	0.1342	0.079	98.20	4.10	4.32	0.6078	2.003	63.05
1.32	17.21	0.1379	0.083	98.10	4.20	4.22	0.6154	2.067	62.13
1.33	16.98	0.1416	0.088	97.99	4.30	4.12	0.6226	2.130	61.23
1.34	16.75	0.1453	0.093	97.89	4.40	4.02	0.6296	2.193	60.36
1.35	16.54	0.1489	0.097	97.78	4.50	3.93	0.6364	2.255	59.50
1.36	16.33	0.1525	0.102	97.67	4.60	3.84	0.6429	2.316	58.67
1.37	16.13	0.1561	0.107	97.56	4.70	3.75	0.6491	2.376	57.86
1.38	15.94	0.1597	0.112	97.45	4.80	3.67	0.6552	2.436	57.07
1.39	15.75	0.1632	0.117	97.34	4.90	3.60	0.6610	2.494	56.31
1.40	15.56	0.1667	0.122	97.22	5.00	3.52	0.6667	2.552	55.56
1.41	15.38	0.1701	0.127	97.11	5.10	3.45	0.6721	2.611	54.82
1.42	15.21	0.1736	0.133	96.99	5.20	3.38	0.6774	2.667	54.11
1.43	15.04	0.1770	0.138	96.87	5.30	3.32	0.6825	2.724	53.41
1.44	14.88	0.1803	0.143	96.75	5.40	3.25	0.6875	2.779	52.73
1.45	14.72	0.1837	0.149	96.63	5.50	3.19	0.6923	2.834	52.07
1.46	14.56	0.1870	0.155	96.50	5.60	3.14	0.6970	2.889	51.42
1.47	14.41	0.1903	0.160	96.38	5.70	3.08	0.7015	2.942	50.79
1.48	14.26	0.1935	0.166	96.25	5.80	3.03	0.7059	2.996	50.17
1.49	14.12	0.1968	0.171	96.13	5.90	2.97	0.7101	3.048	49.57
1.50	13.98	0.2000	0.177	96.00	6.00	2.92	0.7143	3.100	48.98