

King of Coax Connection.



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#KINGOFCOAX

*WE speed up
the future*

Coaxial Connectors

The SMA connector is designed for a frequency range of DC to 18 GHz at 50 Ω impedance. With its threaded-type coupling mechanism, it is perfect for securing your connection in intensive vibration environments.

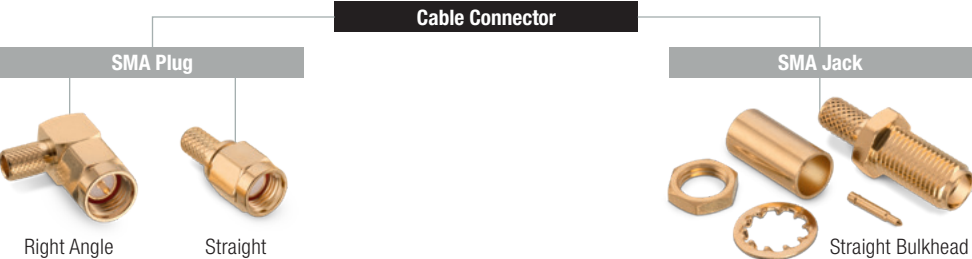
For further information, please visit: www.we-online.com/coax

- Standard interface in accordance with MIL-STD-348
- Precise CNC machining with up to 0.003 mm tolerance
- Center contact captivation
- Resistant to severe conditions for up to 48 hours

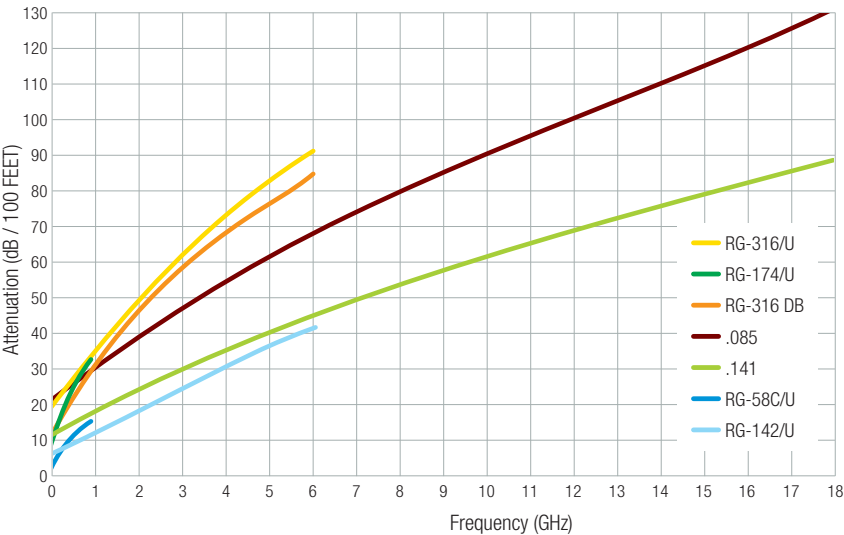
Coaxial Connectors

Design your own Cable Assemblies

1 Choose Cable Connectors



2 Choose Coaxial Cable Type

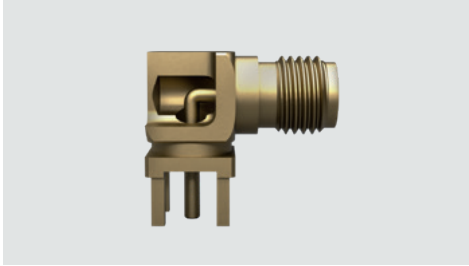


Flexible MOQ
for whole
cable
assembling

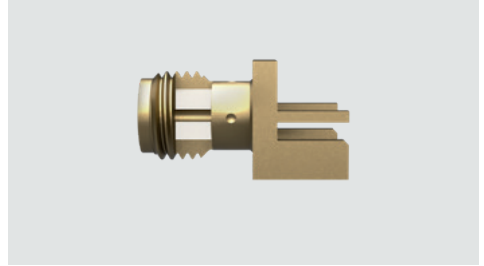
3 Decide your Cable Length



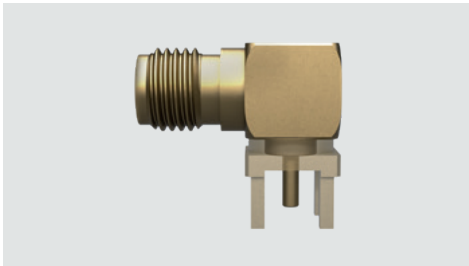
Features



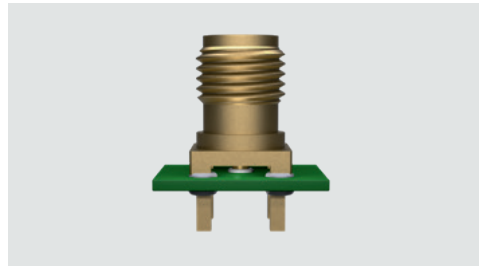
One-piece center contact to optimize signal transmission



Captivation designed to strengthen mechanism

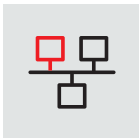


Unique assembly design to stabilize thread torque



THR compatible

Applications



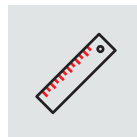
- Telecommunications
- Base stations
- Telecom Box



- Industrial machine-to-machine communication
- Automation



- Data communication
- Wireless LAN
- Wireless WAN



- Measurement & test system
- Network analyzer

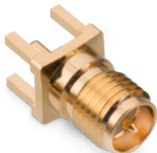
Coaxial Connectors

Product Overview



WR-SMA: SMA PCB and Panel Connectors

Gender	Orientation	Termination Style	Center Contact (mm)
Jack	Right Angle	PCB-THT	Ø 1.27
	Straight	PCB-SMT	Ø 1.27
		PCB-End Launch	Ø 0.76
		Panel 2-Hole Flange	Round Post / Flat Tab /
		Panel 4-Hole Flange	Solder Cup / Exposed PTFE
Plug	Right Angle	PCB-THT	Ø 1.27
	Straight	PCB-THT	Ø 1.27
		PCB-End Launch	Ø 0.76



WR-RPSMA: Reverse Polarity SMA PCB Connectors

Gender	Orientation	Termination Style	Center Contact (mm)
Jack	Right Angle	PCB-THT	Ø 1.27
	Straight	PCB-THT	Ø 1.27
		PCB-End Launch	Ø 0.76



WR-ADPT: Coaxial Adaptors

1st Interface	2nd Interface	VSWR	Insertion Loss
SMA Plug	SMA Plug	1.3 max.	0.16 dB max.
SMA Plug	SMA Jack		
SMA Jack	SMA Jack		
RP-SMA Plug	SMA Plug		
RP-SMA Jack	SMA Jack		
RP-SMA Jack	SMA Plug		
RP-SMA Plug	SMA Jack		



WR-CXASY: SMA-to-SMA Pre-Assembled Cable Assemblies

1st Interface	2nd Interface	Termination Style	Max. Frequency (GHz)
Straight Plug	Straight Plug	RG-58C/U, RG-174/U	1
		RG-142/U, RG-316/U, RG-316DB	6
		.141", .085"	18
Straight Plug	Right-Angled Plug	RG-58C/U, RG-174/U	1
		RG-142/U, RG-316/U, RG-316DB	6
		.141", .085"	18
Straight Plug	Straight Bulkhead Jack	RG-58C/U, RG-174/U	1
		RG-142/U, RG-316/U, RG-316DB	6
		.141", .085"	18
Right-Angled Plug	Straight Bulkhead Jack	RG-58C/U, RG-174/U	1
		RG-142/U, RG-316/U, RG-316DB	6
		.141", .085"	18

