

RP SMA Right Angle PCB Mount Female Connector



Product Details

Basic Info.

Classification:Female Connector
Type:Generally Coaxial Connector
Medium Pressure:1000V R.M.S at Sea Level
VSWR:Right Angle
Durability:500 Cycles
Frequency Range:0 to 18GHz
Export Markets:Global

Product Description

RP SMA Right Angle PCB Mount Female Connector

Description:

TYPE SMA is one kind of RF coaxial connectors that is widely applied , with small-sized thread coupling.Characteristic impedance is 50 ohm . The characteristic of connectors is in wide frequency range,excellent performance,high reliability. They are used in connection with RF cable or mirco-strip line in RF circuit of the WLAN system,controlled program,mircrowave equipment and the digital communication system. The frequency can be up to 18GHz by using semi-rigid or semi-flex cable.

RF coaxial connectors :SMA,MMCX, MCX, TNC, F, BNC ,N, and so on.

Cable Assembly :interface cables with U.FL, H.FL, IPEX, SMA, SMB, MCX, N, MMCX connector and so on.

Antenna :GPS antenna, WiFi antenna, GSM antenna, DVB-T antenna, GPS/GSM combination antenna, GPS engineer board

We are welcoming you to ask sample for testing.

MAJOR TECHNICAL CHARACTERISTICS

Temperature Range	-55~+155°C (PE Cable -40~+85°C)	
Impedance	50Ω	
Frequency Range	DC-12.4GHz(Semi-Rigled Cable DC-18GHz)	
Vibration	98m/S2(10~2000Hz)10g	
Withstanding Voltage	1000V r.m.s at sea level	
Working Voltage	335V r.m.s at sea level	
Insulation Resistance	≥ 5000 MΩ	
Center conductor retention force	≥0.28N	
Coupling nut retention force	≥ 180N	
Durability	≥ 500(cycles)	
Contact resistance:	CenterContact	≤ 3mΩ
	Outer Contact	≤ 2.5mΩ
Voltage Standing Wave Ratio:	Straight	≤ 1.10+0.02f
	Right angle	≤ 1.20+0.03f

MATERIAL/PLATING

body	brass	Gold plated
Resilient contact	beryllium	Gold plated
Pin contact	brass	Gold plated
insulator	PTFE	
Crimp ferrule	Copper alloy	Nickel or gold plated
o-ring sealing	6146 silicone rubber	