

High Frequency Slip Ring



LPCC-01

RF Coaxial Connector

Description

RF Coaxial Connector refers to an element which installed on the cable or instrument as transmitting or breaking the line of electrical connections. Also it belongs to Mechanical & Electrical Integration product.

Meanwhile, RF coaxial connector also enjoys a good function of processing signal except for the performance that mentioned above. For example, Filtering, Phase-modulation, Frequency mixing, Attenuation, Detection and so forth. Furthermore, the low VSWR and wastage could be better satisfied with the requirement of weapon system and precise measurement instrument. High-power and capacity mainly adapt to the needs of info-highway development.

Main Application

- ◆ Precise Instrument
- ◆ Military Weapon System
- ◆ Communication Network Appliance
- ◆ Exhibit &.display equipment
- ◆ Medical Equipment
- ◆ Radar

Option

- ◆ High Speed
- ◆ Metal Housing
- ◆ High Sealing Degree
- ◆ Frequency Range
- ◆ The Plug of End Lead Wire

Contact us to discuss your special needs

Advantage

- ◆ Precious metal contact makes the lifetime over-long
- ◆ Gold-Gold contact ensures the resistance very low
- ◆ Compatible with data bus protocols
- ◆ Operating smoothly and reliability
- ◆ Low torque
- ◆ Compact package

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The Description of Coaxial Connector:

Working Temperature	-20°C~ +60°C
Working Humidity	60%RH or higher
Working Speed	60rpm max
Specific Impedance	50Ω/75Ω
Frequency Range	DC-3GHz
Average Load Power	100W @ DC-2GHz 60W @ DC-3GHz
Insulation Resistance	≥100MΩ@500VDC
Dielectric Strength	≥1000V@50GHz
Insertion Loss	<1.5dB@3GHz
VSWR	≤1.45 max
VSWR --WOW	0.1dB max
Phase-WOW	1°
Pull Force	10N
Housing Material	Brass/Zinc plating
Cable Length	250mm
Cable Size	RG316/RG179B
Connector Type	SMA/BNC/TNC/MCX
Contact Material	Gold to Gold
IP	IP54

- ◆ The operating life of the unit depends upon temperature, rotation speed and environment.
- ◆ The operating life ≥50,000,000 runs ref.

