

# High Frequency Slip Ring



## 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**

## LPCC-02

## 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.

## 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.

