



SciTrue

SciTrue – – An Expert of Slip Ring

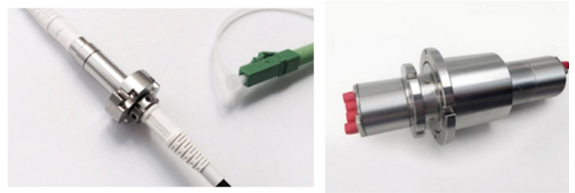
Fiber Optic Rotary Joint

Description

▲ Fiber Optical Rotary Joint can be used to transmit multi-channel optical signals Between two opposite rotating platform. Both ends directly out of the optical cable.

▲ Single mode, Multi Modes

▲ 1-32 Channels



Features

- ◆ Bidirectional signal transmission with lowest insertion loss
- ◆ High rotary speed, low rotary torque and long life
- ◆ Free from any electromagnetic interference
- ◆ Long distance transmission of large data capacity

Typic Application

- ◆ Antena
- ◆ Aerospace
- ◆ Industry



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Operating Parameters

Items		Standard	Special
Environmental	Enclosure	IP40	IP67
	Operating Temperature	-40°C~+80°C	/
	Operating Humidity	>95%	100%
Optical Fiber	Ch Number	≤8	32
	Mode	SM (Single) MM (Multi)	
	Wave Lenth	≤650~1650nm	
	insertion loss	≤1.5dB(Single CH) , ≤3.5dB(Multi CH)	
	Return loss	≥45dB	
	Rotary Speed	≥2000rpm(Single CH) , ≥400rpm(Multi CH)	
	Connector type	ST/FC/LC/adapter/Connector	

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