

CHGD032-8-G007 Series

CHGD032-8-G007 is single channel fiber optical rotary joint combine with 8 channels slip ring by the OD 32 mm housing, supports SM and MM, Suitable for harsh conditions, Non-contact, no wear, long working life .



Features

- ◆ Large data transmission capacity and high transmission rate
- ◆ Long-distance transmission
- ◆ No leaks, no electromagnetic interference
- ◆ Compact design and light weight
- ◆ Suitable for harsh conditions
- ◆ Long life span

Options

- ◆ No. of channels
- ◆ Single mode or Multi mode
- ◆ Connector (FC, ST, SC and LC)
- ◆ Length of pigtail
- ◆ Protection level (dust and water)
- ◆ Available combine with electrical slip ring

Specifications

Electric Slip Ring		Optical Rotary Joint	
Parameters	Values	Parameters	Values
No. Of Channels	8 channels	No. Of Channels	1 channel
Rated Current	10A/ring	Wavelength range	650-1650nm
Rated Voltage	0-110VAC/VDC	Insertion loss	< 3dB(typical:1-2dB)
Insulation Resistance	≥300MΩ/500VDC	Insertion loss ripple	±0.5 to 1 dB
Dielectric strength	300VAC@50HZ,60S	Return loss	> 45dB
Dynamic Resistance	< 0.01Ω	Crosstalk	> 50dB(typical:63dB)
Contact material	Precious metal	Connector type	FC, ST, SC or LC
Structure Material	Aluminum alloy	Fiber type	9/125 μ m , 50/125 μ m or 62.5/125 μ m
Maximum speed	0-200 rpm		
Working temperature	-40 to 85°C		
IP rating	IP 65		
Starting torque	≤0.3N/m		

Drawing for CHGD032-8-G007

