

CHG007-1 Series

CHG007-1 is a single channel FORJ with OD 6.8mm housing, supports SM and MM, Suitable for harsh conditions, Non-contact, no wear, working life up to 500 million revs.



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

PARAMETERS	VALUES
No. Of Channels	1 channel
Wavelength range	650-1650nm
Insertion loss	< 3dB(typical:1-2dB)
Insertion loss ripple	±0.5 to 1 dB
Return loss	> 45dB
Crosstalk	> 50dB(typical:63dB)
Maximum speed	10000 rpm
Working temperature	-40 to 65°C
Storage temperature	-45 to 75°C
Housing material	Stainless steel
Fiber type	9/125 μ m, 50/125 μ m or 62.5/125 μ m
Connector	FC, ST, SC or LC
Estimated life cycle	500 million circles (depending on speed, environmental conditions)
IP rating	IP51 to IP 65

Drawing for CHG007-1

