

BFORJ100 SERIES

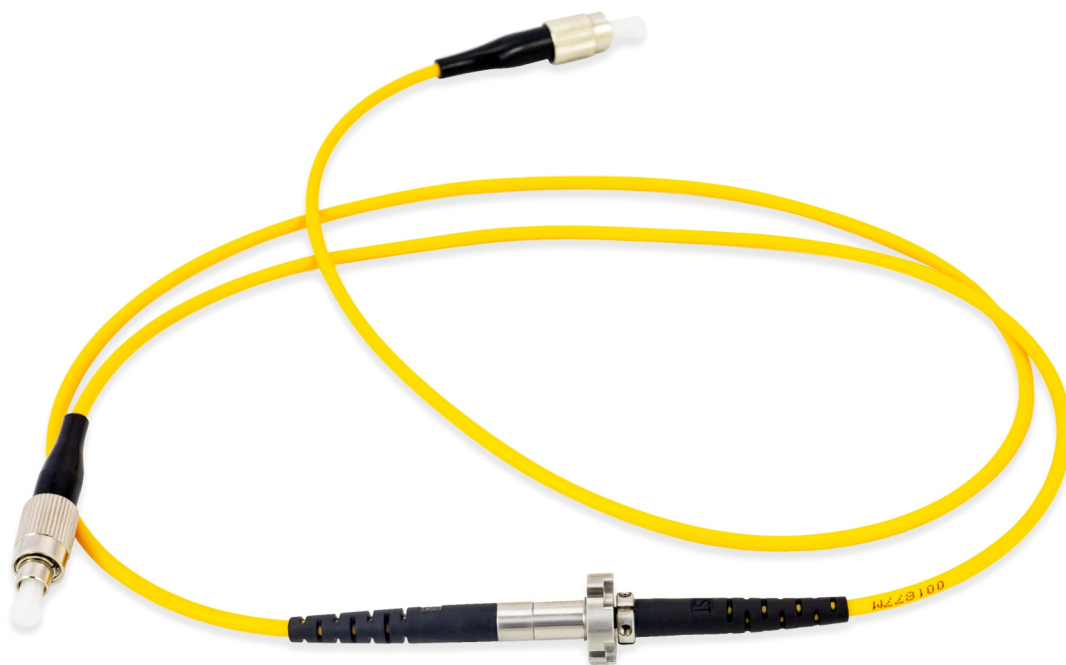
1 Channel (FORJ) Fiber Optic Slip Rings

BFORJ100 fiber optic slip ring support 1 channel fiber optic (SM / MM) . It can perfecttransmit data on 360 " rotating . It is also especially suitaboccasion where it needstransmit large volume data / signal from permanent position to rotation position undermitted , continuous or discontinuous rotating , which can improve mechanical property ,implify system operation and avoid the rotating of turning joints destroying fiber optics

Features

- Low insertion loss , high rotation speed
- Non-contact , zero friction , long working life 1 channel can achieve one hundred million revolutions
- Small size , light weight , high sealing class
- Fiber optic transmitting signal , no electromagnetic interference , long-distance transmissio

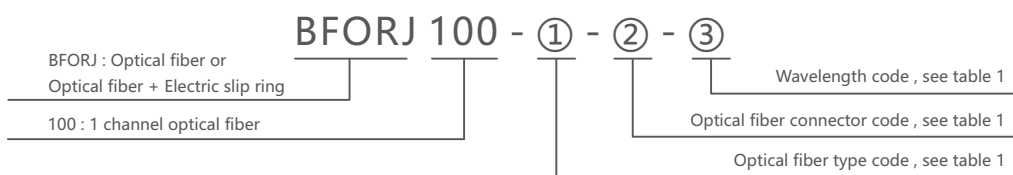
Product images



The pictures are for reference only

As the signal pathway increases or the combination of light and electricity results in changes in the appearance and size of the product, the actual product shall prevail.

Part# Explanation



Dimensions

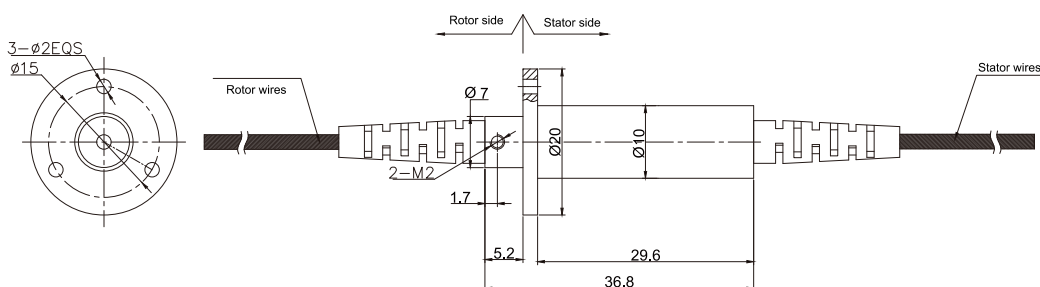


Table 1

Fiber Type Code	Fiber Connector Code	Wavelength Code
01 : 9/125um , Single-mode	FC : FC Connector	01:1310/1550 (single-mode)
02 : 50/125um , Multiple-mode	ST : ST Connector	02:850/1310 (multiple-mode)
03 : 62.5/125um , Multiple-mode	SC : SC Connector	
	LC : LC Connector	
	The connector face is PC by default.If APC is needed . APC should be added behind APC , such as FC / APC	

Specifications

Project	Single-mode	Multiple-mode
Wavelength (nm)	±50	
Max Insert Loss , 23°C (db)	1.5	0.7
Insert Loss Ripple (db)	0.6	0.4
Return Loss (db)	≥ 50(APC)	≥ 40
Max Power (dbm)	0.5	
Weight (g)	50g (Excluding tail cables and connectors)	
Max Rotating Speed (rpm)	1000	
Working Life	> 100 million rpm	
Working Temperature (°C)	-40~85°C	
Storage Temperature (°C)	-50~85°C	
Protection Grade	IP54 / IP65	
Fiber length	1m	