

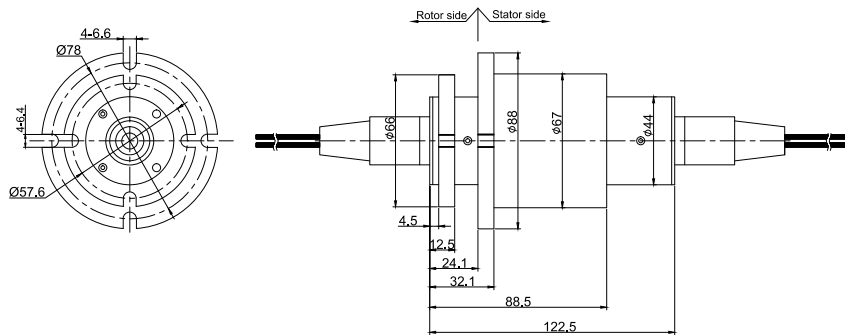
# MFO200 2 passages fiber optic+electric slip ring

MFO200 fiber optic slip rings support 2 channel fiber optics(SM/MM). It can perfectly transmit data on 360° rotating. It is also especially suitable for occasion where it needs to transmit large volume data/signal from permanent position to rotation position on unlimited, continuous or discontinuous rotating, which can improve mechanical property, simplify system operation and avoid the rotating of turning joints destroy fiber optics.



## MFO200 has the following features :

- Low insertion loss, high rotation speed
- Non-contact, zero friction, long working life, single core can achieve one hundred million revolutions
- Small in size, in light weight, high sealing class
- Fiber optics transmitting signal, no leaks , no electromagnetic interference, long-distance transmission



## Part # Explanation

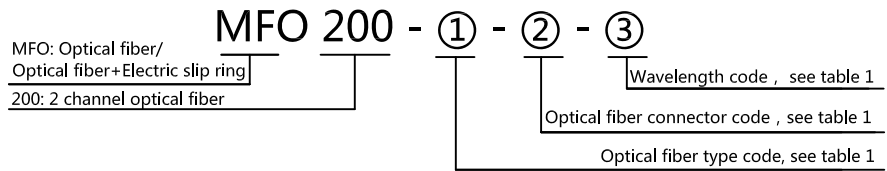


Table 1

Fiber type code	Fiber connector code	Wavelength code
01 : 9/125um , Single-mode 02 : 50/125um , Multiple-mode 03 : 62.5/125m , Multiple-mode	FC : FC Connector ST : ST Connector SC : SC Connector LC : LC Connector End pattern for connector, it's PC by default. If APC is needed, APC shouldbe added behind APC, such asFC/APC.	01 : 1310/1550(Single-mode) 02 : 850/1310(Multiple-mode)

## Specifications

Itmes	Type	Single-mode	Single-mode
		±50	
WaveWidth(nm)			
Max insert Loss , 23°C(dB)	1.2		0.7
Insert Loss Ripple(dB)	0.6		0.4
Return Loss(dB)	≥55(No connector)		≥40(No connector)
Max Power(W)	0.5		
Weight(g)	50		
Max Rotating Speed(rpm)	10000		
Working Life	>5 billion turn		
Working Temperature(°C)	-45~85		
Storage Temperature(°C)	-50~85		