

## 1\*2 Polarization Maintaining Optical Circulator

### Features

- Low Insertion Loss
- High Return Loss
- High Isolation
- High Extinction Ratio
- High Reliability & Stability

### Applications

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Instrument

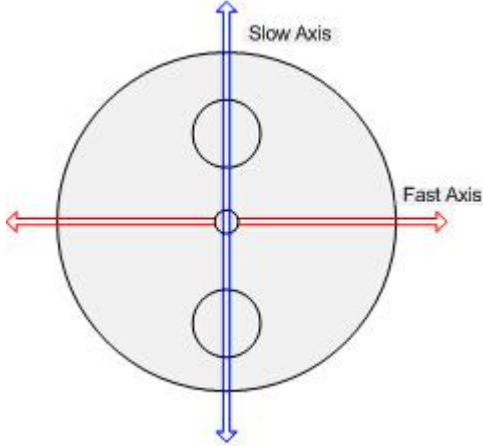


### Specifications

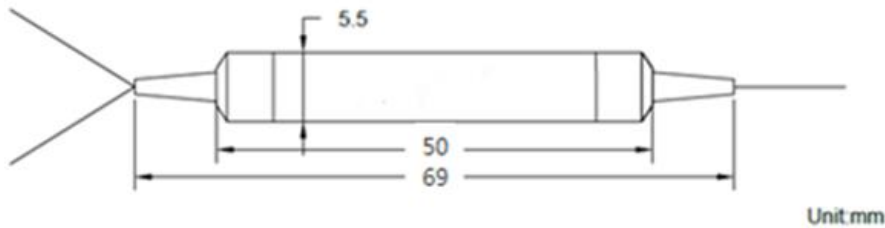
Parameters	Unit	Value		
		Type A	Type B	
Type	-	Type A	Type B	
Center Wavelength	nm	1310 & 1550	1310 & 1550	1064
Operating Wavelength Range	nm	±30	±20	±5
Typ. Peak Isolation 23°C	dB	46	30	30
Min. Isolation at 23°C	dB	40	20	25
Typ. Insertion Loss at 23°C	dB	0.7	0.6	1.8
Max. Insertion Loss at 23°C	dB	0.9	0.8	2.1
Min. Extinction Ratio	dB	22	20	20
Min. Cross Talk	dB	50		
Min. Return Loss	dB	50		
Max. Optical Power (CW)	mW	300		
Max. Tensile Load	N	5		
Fiber Type	-	PM Panda Fiber		
Operating Temperature	°C	-5~+70		
Storage Temperature	°C	-40~+85		

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;  
The default connector key is aligned to slow axis;

### Fast and slow axis



### Package Dimensions



### Ordering Information

Center wavelength	Stage	Axis alignment	Pigtail type	Fiber length	Connector type
1550=1550nm 1310=1310nm ..... 0850=850nm	A=A grade, B=B grade	F=Slow axis working, Fast axis blocked	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube	1m 2m etc.	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC