

1310-2050nm Polarization-maintaining Circulator(500W)

Features

- Low insertion loss
- High extinction ratio
- Excellent environmental stability

Application

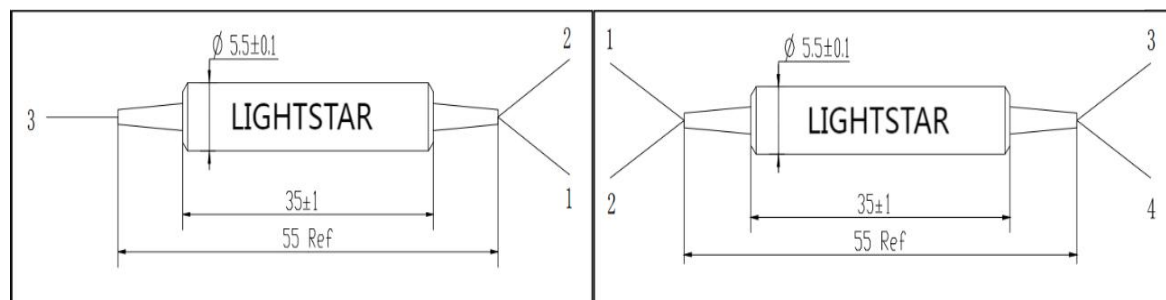
- Erbium doped fiber amplifiers&Raman fiber amplifiers
- Optical instrument&Both way Pump system
- Fiber optic sensor&Dispersion compensation device

Specifications

Parameter	Unit	Value							
		Type A		Type B		Type A		Type B	
Type		Type A		Type B		Type A		Type B	
Port type		3 Port	4 Port	3 Port	4 Port	3 Port	4 Port	3 Port	4 Port
Central wavelength	nm	2050,2000,1950				1550,1480,1310			
Operating wavelength range	nm	±20							
Typical insertion loss@23 °C	dB	1.4	1.6	1.3	1.5	0.7	1.1	0.6	1.0
Maximum insertion loss@23 °C	dB	1.4	1.6	1.3	1.5	0.9	1.3	0.8	1.2
Typical peak isolation @23°C	dB	18		28		46		30	
Minimum isolation @23°C	dB	16		26		40		20	
Minimum extinction ratio@23 °C	dB	18				20			
Minimum crosstalk	dB	50							
Minimum return loss	dB	50							
Working axis		Slow axis wroking, Fast axis Blocked; Both axis wroking; Fast axis wroking, Slow axis Blocked							
Maximum optical power (CW)	mW	500							
Maximum tensile load	N	5							
Fiber type		PM Panda fiber							
Package dimensions	mm	5.5x35							
Operating temperature	°C	-5~+70							
Storage temperature	°C	-40~+85							

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

PM CIR-①①①①-②-③-④④④-⑤-⑥-⑦-⑧-⑨

- | | | | | |
|--|--|---|--|---|
| ①①①①
Wavelength
1550=1550nm
2000=2000nm
SSSS=Specify | ②:Port type
1=1*2
2=2*2 | ③:Rank
A=Type A
B=Type B | ④④④:Fiber type
001=PM1550
002=PM1310
SSS=Specify | ⑤:Working axis
F=Slow axis wroking,
Fast axis Blocked
B=Both axis wroking
S=Fast axis wroking |
| ⑥:Package dimensions
0= φ5.5x35mm
S=Specify | ⑦:Length
H=0.5m
1= 1.0m
S=Specify | ⑧:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify | ⑨:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify | |