

1030nm Polarization-maintaining Circulator(50mw)

Features

Low insertion loss
High return loss&High extinction ratio
High isolation

Application

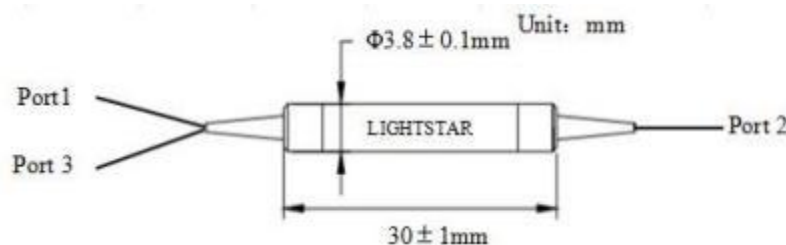
Fiber laser
Optical fiber amplifier
Optical fiber sensing

Specifications

Parameter	Unit	Value
Port type		3 Port
Central wavelength	nm	1030
Operating wavelength range	nm	±5
Typical peak isolation @23 °C	dB	23
Minimum isolation @ 23 °C	dB	20
Typical insertion loss@23 °C	dB	3.2
Maximum insertion loss@23 °C	dB	3.5
Minimum extinction ratio@23 °C	dB	20
Minimum crosstalk	dB	50
Minimum return loss	dB	50
Maximum optical power(CW)	mW	50
Maximum tensile load	N	5
Working axis		Fast axle cutoff, Slow axis operation
Fiber type		PM Panda fiber
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

①①①①: Wavelength
1030=1030nm
SSSS=Specify

②: Port type
1=1*2

③: Working axis
F=Fast axle cutoff, Slow axis operation

④④④: Fiber type
001=PM1550
003=PM980
SSS=Specify

⑤: Package dimensions
0= φ5.5x35mm
S=Specify

⑥: Length
H=0.5m
1= 1.0m
S=Specify

⑦: Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑧: Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify