

Polarization-maintaining circulator

Features

Low insertion loss
High extinction ratio
High reliability

Application

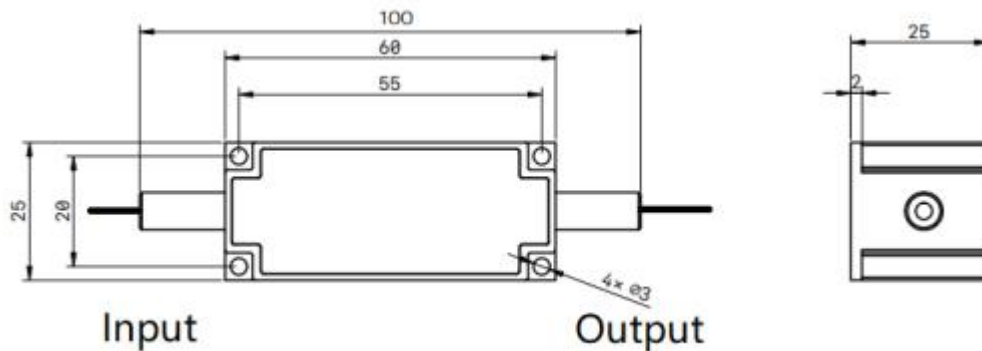
Fiber laser
Optical fiber amplifier
Testing equipment
Sensing systems

Specifications

Parameter	Value			
Center Wavelength(nm)	780	850	980	1064
Operating Wavelength Range(nm)	±5			
Max. Isolation at 23℃ （dB）	22			
Max. Insertion Loss at 23℃	1.2			
Min.Extinction Ratio(dB)	22			
Working axis	Fast axis working			
Min. Return Loss(Input/ Output)(dB)	45			
Min. Cross Talk(dB)	45			
Max. Average Optical Power(mW)	300			
Max. Tensile Load (N)	5			
Fiber type	PM 780 fiber	PM 850 fiber	PM 980 fiber	
Package Dimension(mm)	60x25x25			
Operating Temperature(℃)	+10~+50			
Storage Temperature(℃)	0~+60			

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-①①①-②②②②-③-④-⑤

②②②②: Wavelength
780=780nm
850=850nm
980=980nm

②: 0000

③: Pigtail type
0=250um bar fiber
1=900um loose tube
S=other

④: Length
H=0.5m
8=0.8m
1=1.0m
S=other

⑤: Connector
0=None
1=FC/UPC
2=FC/APC
S=other