

Polarization-maintaining circulator

Features

Low insertion loss
High extinction ratio
High reliability

Application

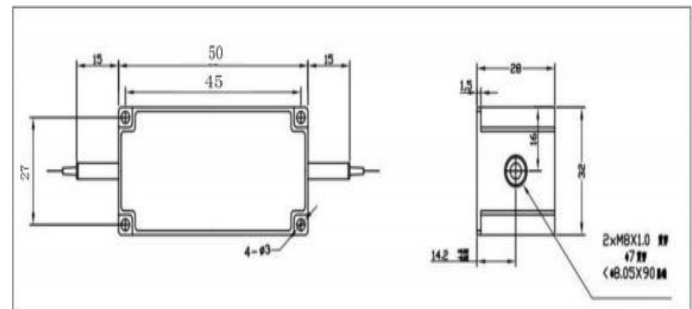
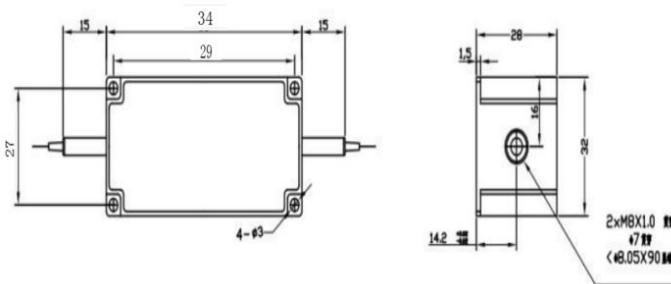
Fiber laser
Optical fiber amplifier
Testing equipment
Sensing systems

Specifications

Parameter	Value				
Center Wavelength(nm)	680	633	532	450	405
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 630 fiber		PM 460 fiber		
Package Dimension(mm)	50x32x28		34x32x28		
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

①①①:Wavelength
680=680nm
633=633nm
532=532nm
450=450nm
405=405nm

②:0000
③:Pigtail type
0=250um bar fiber
1=900um loose tube
S=others

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

⑤:Connecor
0=None
1=FC/UPC
2=FC/APC
S=others