

Polarization Insensitive Optical Circulator

Features

Low insertion loss
High reliability

Application

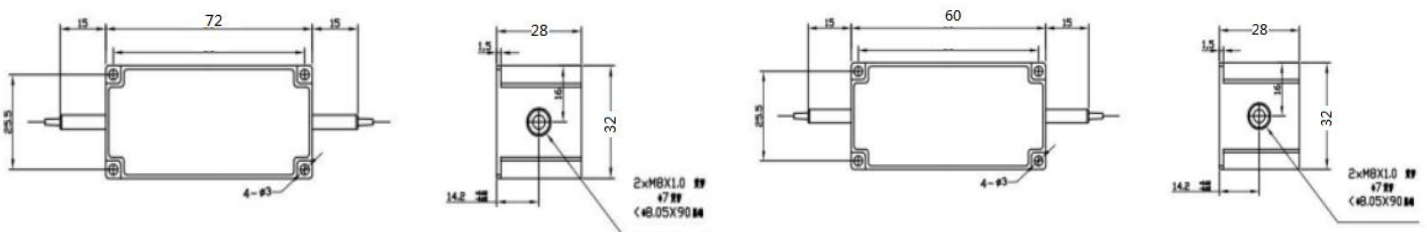
Fiber laser
Optical fiber amplifier
Testing equipment
Sensing systems

Specifications

Parameter	Value									
Center Wavelength(nm)	980	850	780	680	633	532	480	450	405	
Operating Wavelength Range(nm)	±5									
Max. Isolation at 23℃ （dB）	22									
Max. Insertion Loss at 23℃	1.5									
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	HI 780 fiber			630-HP			460-HP			
Package Dimension(mm)	72x32x28			60x32x28						
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

FCIR-①①①-②②②②②-③-④-⑤

①①①:Wavelength

②②

③:Pigtail type

④:Length

⑤:Connector

980=980nm
850=850nm
780=780nm
680=680nm
633=633nm
532=532nm
480=480nm
450=450nm
405=405nm

0=250um bare fiber
1=900um loose tube

H=0.5m
8=0.8m
1=1.0m
S=others

0=None
1=FC/UPC
2=FC/APC