

400-700nm Polarization-maintaining Isolator

Features

Low insertion loss
High extinction ratio and isolation
Excellent environmental stability

Application

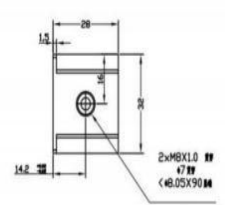
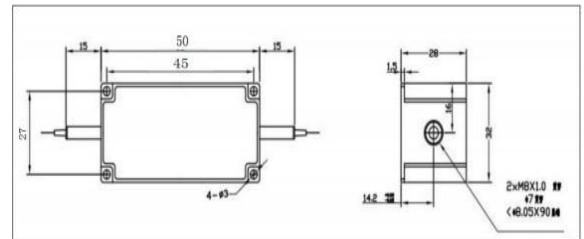
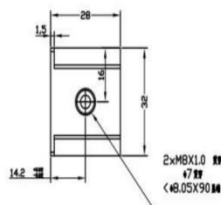
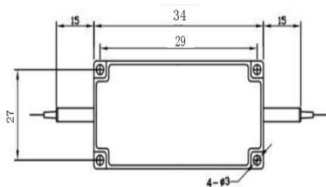
Fiber laser
Optical fiber amplifier
Optical fiber sensing

Specifications

Parameter	Unit	Value			
Central wavelength(λ_c)	nm	450	532	633	680
Bandwidth	nm	± 5			
Isolation 23℃	dB	25			
Insertion loss 23℃	dB	1.2			
Minimum extinction ratio	dB	22			
Return loss(Input/Output)	dB	50/50			
Power(CW)	W	0.3			
Maximum tensile load	N	5			
Fiber type		PM405 Fiber	PM460 Fiber	PM630-HP	PM680-HP
Operating temperature	℃	0 to +65			
Storage temperature	℃	-20 to +85			
Package dimensions L x W x H	mm	34x32x28	50x32x28	50x32x28	50x32x28

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

HPMIS-①①①①-②-00-③-④-⑤

①①①①:Wavelength
450=450nm
532=532nm
633=633nm
680=680nm
⑤:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify

②:Power
03=300mW

00
③:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

④:Length
H=0.5m
7=0.7m
1= 1.0m
S=Specify