

400-700nm Polarization Independent Isolator

Features

High isolation & return loss
Low insertion loss
High stability and reliability

Application

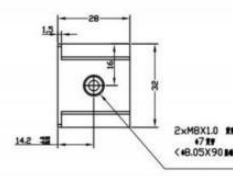
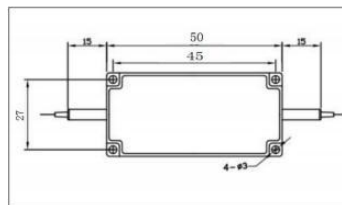
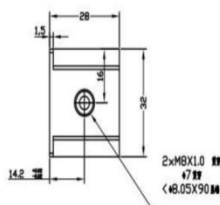
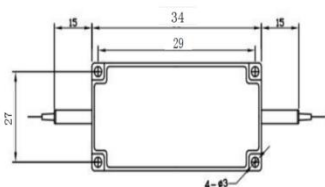
Fiber laser
Optical fiber amplifier
Test equipment

Specifications

Parameter	Unit	Value			
Central wavelength(λ_c)	nm	450	532	633	680
Operating wavelength range	nm	± 5			
Polarization dependent loss		0.20			
Peak isolation	dB	25			
Isolation 23°C	dB	23			
Typical insertion loss 23°C	dB	0.9			
Maximum insertion loss 23°C	dB	1.2			
Minimum return loss(input/output)	dB	50/50			
Maximum power(CW)	W	0.3			
Fiber type		460-HP fiber	460-HP fiber	SM 630 fiber	SM 630 fiber
Operating temperature	°C	0 to +65			
Storage temperature	°C	-20 to +85			
Package dimensions	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

HPIIS-①①①①-②②-③④-⑤

①①①①: Wavelength
450=450nm
532=532nm
633=633nm

②②: Power
03=300mW

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

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

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