

1310, 1550nm High Power Polarization Maintaining Isolator(1-20W)

Features:

Low Insertion Loss & PDL
 High Isolation & Return Loss
 High reliability and High Extinction Ratio

Application:

EDFA
 Fiber Laser

Specifications:

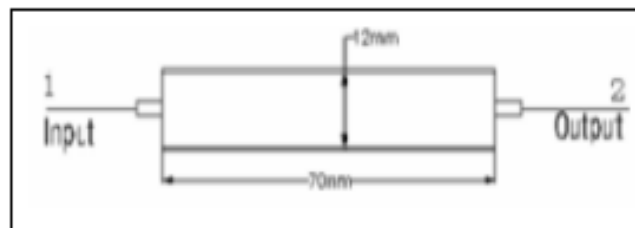
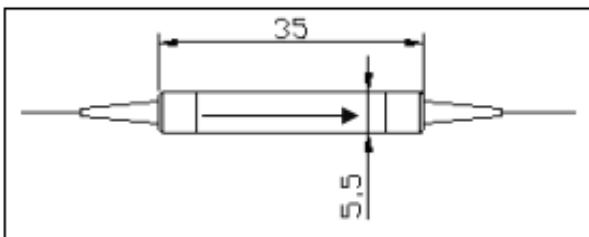
Parameter		Value	
Type		Single Stage	Dual Stage
Center wavelength (nm)		1310、1450、1480、1550	
Bandwidth (nm)		±20	
Peak Isolation (dB)		42	58
Isolation at 23(°C) (dB)		≥28	≥48
Insertion Loss at 23(°C) (dB)		≤0.5(Typ 0.35)	≤0.55 (Typ 0.4)
Extinction Ratio at 23°C (dB)	Type B (Both axis working)	≥20	≥20
	Type F (Fast axis blocked)	≥22	≥22
Return Loss (Input/output) (dB)		≥50/50	≥50/50
Fiber Type		PM1310, PM1550	
Power Handling (CW, W)		1,2, 3, 5,10,20	
Package Dimensions (mm)		5.5*35(P1), 70*12*9(P2)	
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature(°C)		-40 ~ +85	

*Above specifications are for device without connector.

*For devices with connector,IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower, and max handling power is 1W

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions:



Ordering Information:

HPMIS	Wavelength	Type	Axis Alignment	Package	Power	Pigtail Type	Length	Connector
HPMIS	1310=1310 nm 1450=1450 nm 1480=1480 nm 1550=1550 nm	S=Single stage D=Dual Stage	B=Both axis working F= Fast axis blocked	1=P1(5.5*35 mm) 2=P2(70*12 mm)	1=1W 2=2W 3=3W 4=4W 5=5W A=10W B=20W S=Specify	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m A=2.5m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify