

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

Features	
Low Insertion Loss & PDL	
High Isolation & Return Loss	
High reliability and High Extinction Ratio	
Application	
EDFA	
Fiber Laser	

Specifications

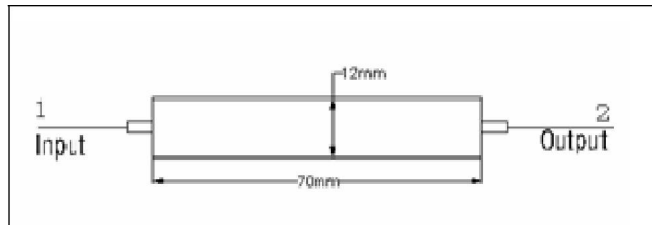
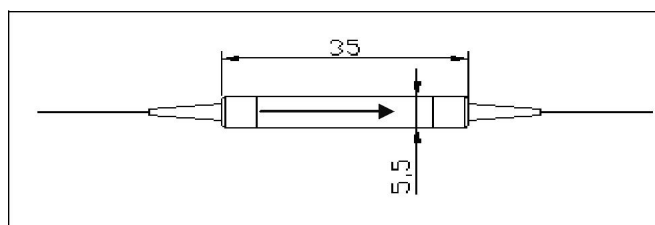
Parameter		Value	
Type		Single Stage	Dual Stage
Center wavelength (nm)		1310, 1480, 1550	
Bandwidth (nm)		±20	
Peak Isolation (dB)		42	58
Isolation at 23(°C) (dB)		≥28	≥48
Insertion Loss at 23(°C) (dB)		≤0.5(Typ 0.35)	≤0.55 (Typ 0.4)
Extinction Ratio at 23°C (dB)	Type B (Both axis working)	≥21	≥21
	Type F (Fast axis blocked)	≥23	≥23
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(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=1310nm 1550=1550nm 1480=1480nm	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	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 4=4.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC