

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

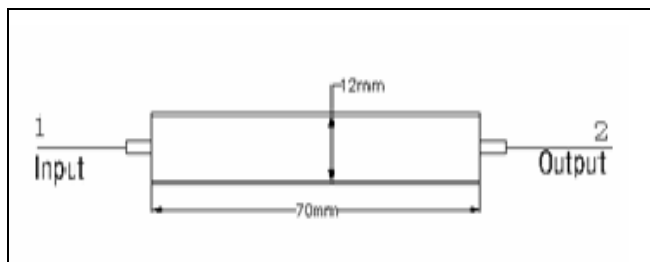
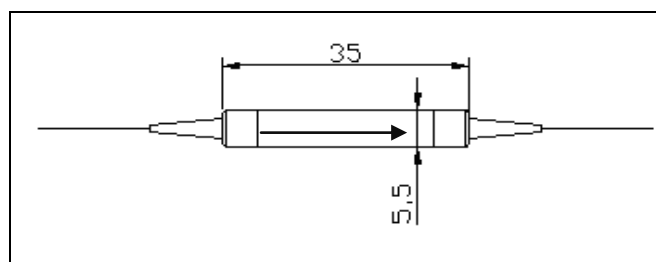
Features	
Low Insertion Loss & PDL	
High Isolation & Return Loss	
High reliability	
Application	
EDFA	
Fiber Laser	

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)
PDL (dB)	Polarization insensitive	≤0.10	≤0.15
	Polarization sensitive	≥23	≥23
Return Loss (Input/output) (dB)		≥50/50	≥50/50
Fiber Type		SMF-28e	
Power Handling (CW, W)		1,2, 3, 5,10,20	
Package Dimensions (mm)		5.5x35(P1)	
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature(°C)		-40 ~ +85	

For device with connector, the IL will be 0.3dB higher will be 2dB lower and RL will be 5dB lower, the max handling power will be only 1W guaranteed

Package Dimensions



Ordering Information

HPIIS	Wavelength	Type	Polarization Type	Package	Power	Pigtail Type	Length	Connector
HPIIS =Insen sitive HPSIS =sensit ive	1310=1310nm 1550=1550nm 1480=1480nm	S=Single stage D=Dual Stage	I= Insensitive S= Sensitive	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