

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

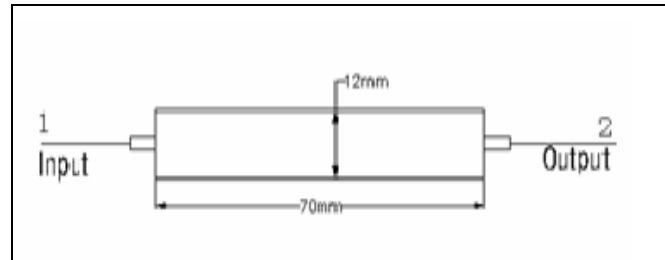
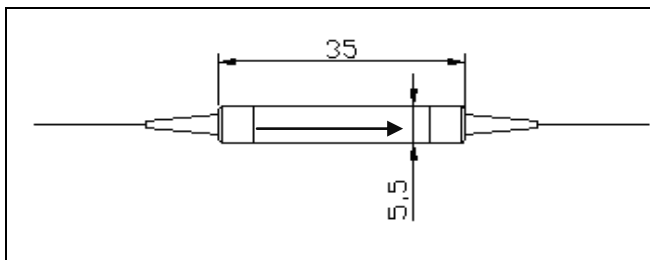
Features	
Low Insertion Loss & PDL	
High Isolation & Return Loss	
High reliability	
Application	
EDFA	
Fiber Laser	

### Specifications

Parameter		Value	
		Single Stage	Dual Stage
Type			
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
=Insen sitive	1310=1310nm	S=Single stage	I= Insensitive	1=P1(5.5*35 mm)	1=1W	1=250um	H=0.5m	0=None
	1550=1550nm		S= Sensitive		2=2W	bare fiber	8= 0.8m	1=FC/UPC
	1480=1480nm	D=Dual Stage		2=P2(70*12 mm)	3=3W	2=900um	1=1.0m	2=FC/APC
HPSIS =sensit ive					4=4W	loose tube	5=1.5m	3=LC/UPC
					5=5W	3=3mm	2=2.0m	4=LC/APC
					A=10W	loose tube	3=3.0m	5=SC/APC
					B=20W	4=2mm	4=4.0m	6=SC/UPC
						loose tube	A=2.5m	