

High Power Isolator(1-20w)

Features:

Low Insertion Loss & PDL
 High Isolation & Return Loss
 High reliability

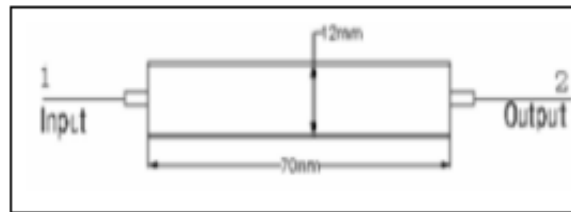
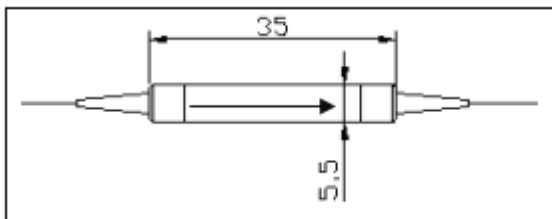
Application:

Fiber Laser & Amplifier

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)
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 or Specify	
Power Handling (CW, W)		1,2, 3, 5,10, 20	
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature(°C)		-40 ~ +85	
Package Dimensions (mm)		5.5x35 (<5W) 58x10x8 (>5W)	

*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/PSIS	Wavelength	Type	Polarization Type	Package	Power	Pigtail Type	Length	Connector
HPIIS= Insensitive	1310=1310 nm	S=Single stage	I= Insensitive	1=P1(5.5*35 mm)	1=1W	1=250um	H=0.5m	0=None
HPSIS= Sensitive	1450=1450 nm	D=Dual Stage	S= Sensitive	3=58x10x8	2=2W	bare fiber	8=0.8m	1=FC/UPC
	1480=1480 nm				3=3W	2=900um	1=1.0m	2=FC/APC
	1550=1550 nm				4=4W	loose tube		3=SC/APC
					5=5W			4=SC/UPC
					A=10W			6=LC/UPC
					B=20W			7=LC/APC
					S=Specify			S=Specify