

High Power Polarization Insensitive Optical Isolator

Features

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

Application

EDFA
 Fiber Laser



Specifications

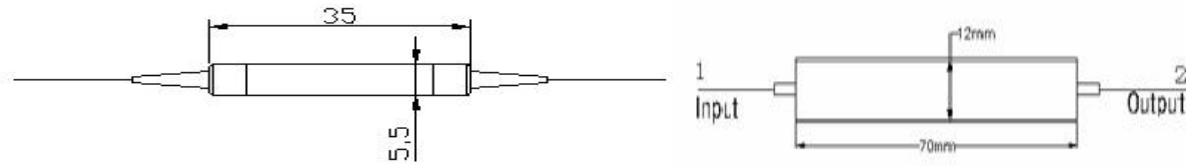
Parameter	Value	
	Single Stage	Dual Stage
Type	Single Stage	Dual Stage
Center wavelength (nm)	1310 ,1480, 1550	
Bandwidth (nm)	±15	
Typ.Peak Isolation (dB)	42	58
Isolation @23(°C) (dB)	≥28	≥48
Insertion Loss @ 23(°C) (dB)	≤0.5(Typ 0.35)	≤0.55 (Typ 0.4)
PDL (dB)	≤0.10	≤0.15
Return Loss (Input/output) (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);70 X12 X 9(PA)	
Operating Temperature (°C)	-5 ~ +70	
Storage Temperature(°C)	-40 ~ +85	

Above specifications are for device without connector;

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

*Optical power will be 1W only for connector added.

Package Dimensions



Ordering Information

Wavelength	Type	Power	Package	Pigtail Type	Length	Connector
1310=1310nm	S=Single	1=1W	1=P1(5.5x35	1=250um bare	H=0.5m	0=None
1550=1550nm	stage	2=2W	mm)	fiber	8= 0.8m	1=FC/UPC
1480=1480nm	D=Dual	3=3W	A=PA(70X12	2=900um loose	1=1.0m	2=FC/APC
	Stage	5=5W	X9mm)	tube	5=1.5m	3=SC/APC
		6=6W		3=3mm loose	2=2m	4=SC/UPC
		A=10W		tube		6=LC/PC
		B=20W				