

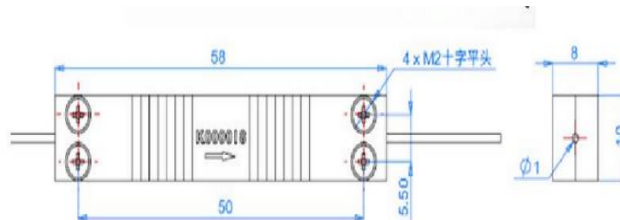
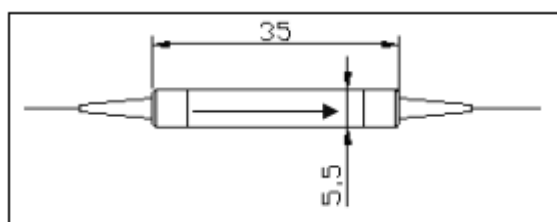
High Power Isolator(1-10w)

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、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(P1) <5W, 58*10*9(>10W)	

*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=	1310=1310	S=Single	I= Insensitive	1=P1(5.5*35	1=1W	1=250um	H=0.5m	0=None
Insensitive	nm	stage	S= Sensitive	mm)	2=2W	bare fiber	8=0.8m	1=FC/UPC
HPSIS=	1450=1450	D=Dual		2=P2(70*12	3=3W	2=900um	1=1.0m	2=FC/APC
Sensitive	nm	Stage		mm)	4=4W	loose tube	S=Specify	3=SC/APC
	1480=1480				5=5W			4=SC/UPC
	nm				A=10W			6=LC/UPC
	1550=1550				B=20W			7=LC/APC
	nm				S=Specify			S=Specify