

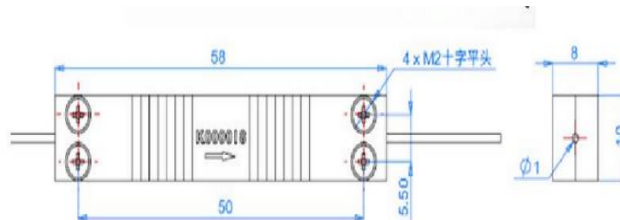
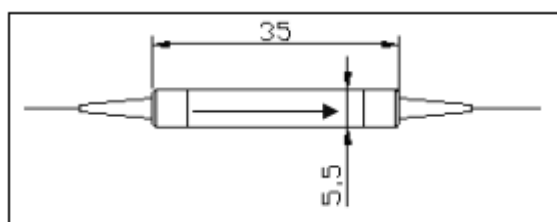
## High Power Isolator( 1-10w)

<b>Features:</b>
Low Insertion Loss & PDL High Isolation & Return Loss High reliability
<b>Application:</b>
EDFA Fiber Laser

**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
	Polarization sensitive	≥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= 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	2=P2(70*12 mm)	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	S=Specify	3=SC/APC
					5=5W			4=SC/UPC
					A=10W			6=LC/UPC
					B=20W			7=LC/APC
					S=Specify			S=Specify