

980nm High Power In Line Optical Isolator

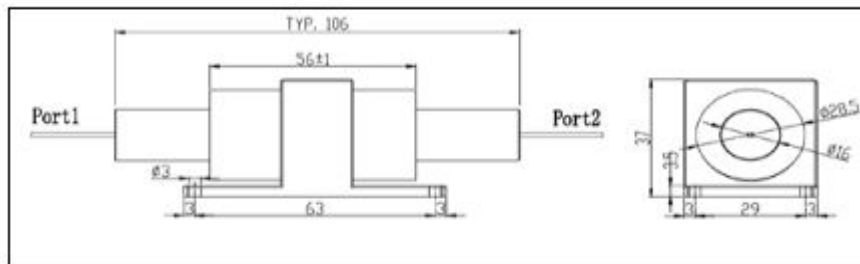
Features:
Low Insertion Loss High Isolation & Return Loss High reliability
Application:
EDFA & Instrumentation & Fiber Amplifier Fiber Laser & Lab Research

Specifications:

Parameter	Value	
Center wavelength (nm)	980	
Bandwidth (nm)	±10	
Insertion Loss @23°C	≤1.0(typ.0.7)	
Peak Isolation (dB)	35~42	
Isolation at 23 °C(dB)	≥25	
PDL(dB)	Polarization insensitive	≤0.15
	Polarization sensitive	≥ 23
Return loss (Input/output) (dB)	≥50/50	
Power handling CW (W)	0.3,0.5,1,2,3,5 ,10or specify	
Fiber Type	HI1060 fiber or specify	
Operating temperature (°C)	0 ~ +65	
Storage temperature (°C)	-20 ~ +85	
Package Dimension (mm)	106*37*35	

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 dimension:



Ordering Information:

HPIIS/HPSIS	Wavelength	Polarization Type	Power	Fiber Type	Pigtail Type	Length	Connector
HPIIS= Insensitive	0980=980nm	I= Insensitive	0=300mW	1=HI1060fiber	1=250um	H=0.5m	0=None
		S= Sensitive	1=500Mw	S=Specify	bare fiber	8=0.8m	1=FC/UPC
HPSIS= Sensitive	0980=980nm		2=1W		2=900um	1=1.0m	2=FC/APC
			3=2W		loose tube	5=1.5m	3=SC/APC
			4=3W		loose tube	2=2.0m	4=SC/UPC
			5=5W		loose tube	3=3.0m	5=MU
			A=10W		4=2mm	A=2.5m	6=LC/UPC
			S=specify		loose tube	S=Specify	7=LC/APC