

980nm High Power In Line Optical Isolator

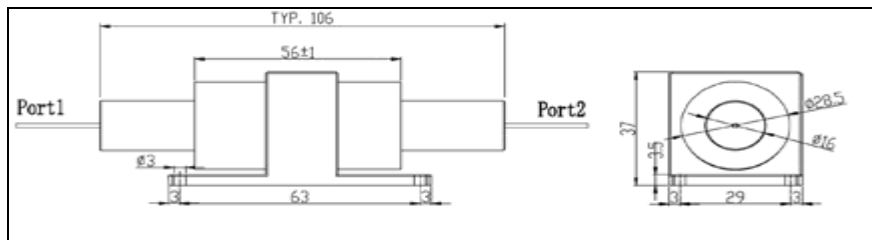
Features	
Low Insertion Loss High Isolation & Return Loss	
High reliability	
Application	
EDFA & Instrumentation & Fiber Amplifier Fiber Laser & Lab Research	

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 or 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 HPSIS= Sensitive	0980=980nm	I= Insensitive S= Sensitive	0=300mW 1=500Mw 2=1W 3=2W 4=3W 5=5W S=specify	1=HI1060fiber	1=250um bare fiber 2=900um loose tube 3=3mm loose tube	H=0.5m 8= 0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC