

980nm High Power In Line Optical Isolator

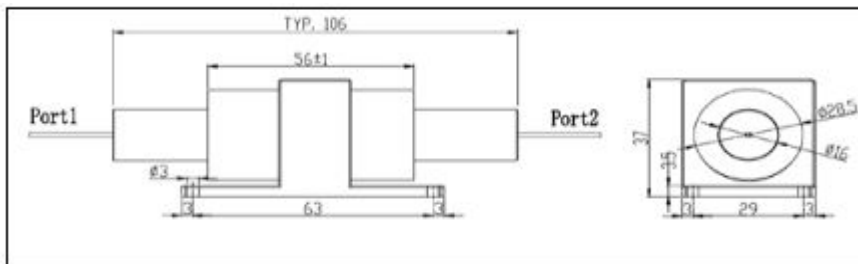
Features:
Low Insertion Loss High Isolation & Return Loss High reliability
Application:
EDFA & Instrumentation & Fiber Amplifier Fiber Laser & Lab Research

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)	<table border="0" style="width: 100%;"> <tr> <td style="padding: 5px;">Polarization insensitive</td> <td style="text-align: center; padding: 5px;">≤0.15</td> </tr> <tr> <td style="padding: 5px;">Polarization sensitive</td> <td style="text-align: center; padding: 5px;">≥ 23</td> </tr> </table>	Polarization insensitive	≤0.15	Polarization sensitive	≥ 23
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 HPSIS= Sensitive	0980=980nm	I= Insensitive S= Sensitive	0=300mW 1=500Mw 2=1W 3=2W 4=3W 5=5W A=10W S=specify	1=HI1060fiber S=Specify	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m A=2.5m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify