

980nm High Power In Line Optical Polarization Maintaining Isolator

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

Specifications:

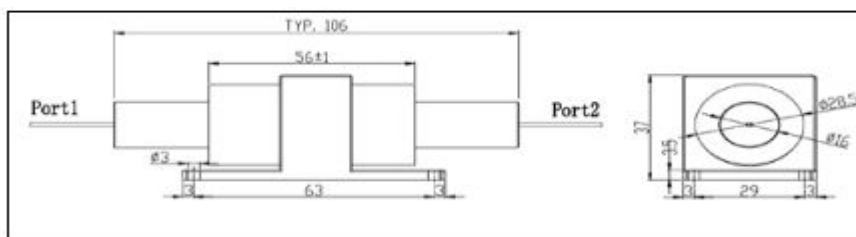
Parameter	Value	
Center wavelength (nm)	980	
Bandwidth (nm)	±10	
Insertion Loss @23°C	≤1.0(typ.0.7)	
Peak Isolation (dB)	32~40	
Isolation at 23 °C(dB)	≥25	
Extinction Ratio at 23 °C (dB)	Type B (Both axis working)	≥20
	Type F (Fast axis blocked)	≥ 22
Return loss (Input/output) (dB)	≥50/50	
Power handling CW (W)	0.3,0.5,1,2,3,5 or specify	
Fiber Type	PM980 fiber	
Operating temperature (°C)	0 ~ +65	
Storage temperature (°C)	-20 ~ +85	
Package Dimension (mm)	106*37*35	

*Above specifications are for device without connector.

*For devices with connector,IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower, and max handling power is 1W

*The PM fiber and the connector key are aligned to the slow axis.

Package dimension:



Ordering Information:

HPIIS	Wavelength	Axis Alignment	Power	Fiber Type	Pigtail Type	Length	Connector
HPMIS	0980=980nm	B=Both axis working F= Fast axis blocked	0=300mW	1=PM980 S=Specify	1=250um	H=0.5m	0=None
			1=500Mw		bare fiber	8=0.8m	1=FC/UPC
			2=1W		2=900um	1=1.0m	2=FC/APC
			3=2W		loose tube	5=1.5m	3=SC/APC
			4=3W		3=3mm loose tube	2=2.0m	4=SC/UPC
			5=5W		tube	3=3.0m	5=MU
			A=10W		4=2mm loose tube	A=2.5m	6=LC/UPC
			S=specify			S=Specify	7=LC/APC
							S=Specify