

1064nm High Power In Line Optical Polarization Maintaining Isolator

Features:

Low Insertion Loss High Isolation & Return Loss
High reliability and High Extinction Ratio

Application:

Fiber laser source & Fiber Amplifier

Specifications:

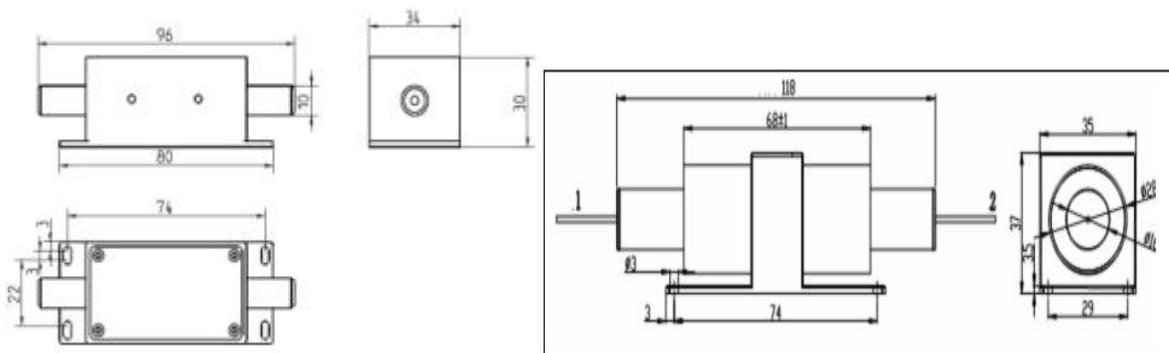
Parameter	Value	
Center wavelength (nm)	1030、 1064、 1080	
Bandwidth (nm)	±10	
Insertion Loss @23℃	≤1.0(typ.0.7)	
Peak Isolation (dB)	32~40	
Isolation at 23℃(dB)	≥25	
Extinction Ratio at 23℃ (dB)	Type B (Both axis working)	≥20
	Type F (Fast axis blocked)	≥ 22
Return loss (Input/output) (dB)	≥50/50	
Power handling Average power (W)	0.3-20 or specify	
Fiber Type	PM980 fiber	
Operating temperature (℃)	0 ~ +65	
Storage temperature (℃)	-20 ~ +85	
Package Dimension (mm)	118*37*35 or 96x34x30	

*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:

HPMIS	Wavelength	Axis Alignment	Power	Fiber Type	Pigtail Type	Length	Connector
HPMIS	1030=1030nm 1064=1064nm 1080=1080	B=Both axis working F= Fast axis blocked	0=300mW 2=1W 5=5W A=10W S=specify	1=PM980 S=specify	2=900um loose tube loose tube	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC S=Specify