

2W High Power Polarization Maintaining Isolator--1064nm

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

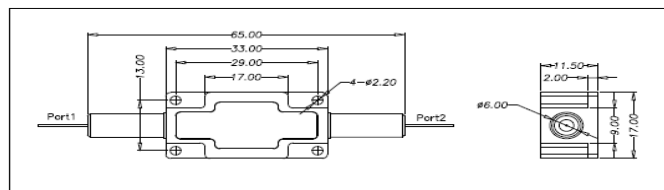
Specifications:

Parameter	PM Fiber Isolator (HPMIS)	
Center wavelength (nm)	1064	
Bandwidth (nm)	±5	
Insertion Loss @23°C and Input Power 300mW (dB)	≤2.0	
Insertion Loss @23°C and Input Power 1W (dB)	≤2.5	
Insertion Loss @23°C and Input Power 2W (dB)	≤3.0	
Extinction Ratio (dB)	TypeB (Both axis working)	≥ 20
	TypeF (Fast axis blocked)	≥ 22
Isolation@1064nm ,23 °C(dB)	≥ 28	
Return loss (Input/output) (dB)	≥50/50	
Max. Average Optical Power (W)	2	
Max. Peak Power for ns Pulse (kW)	10	
Fiber Type	PM 980	
Max. Tensile Load(N)	5	
Operating temperature (°C)	0 ~ +50	
Storage temperature (°C)	-20 ~ +85	
Package Dimension (mm)	65(L)*17(W)*11.5(H)mm (P9)	

*For device with connector, the IL will be 0.3dB higher and RL will be 5dB lower.

*the max handling power will be only 1W guaranteed.

Package dimension:



Ordering Information:

HPMIS	Wavelength	Axis Alignment	Power	Fiber Type	Pigtail Type	Length	Connector
HPMIS	1064=1064nm	B=Both Axis working F=Fast Axis blocked	1=1W 2=2W	2= PM980 fiber 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 4=4.0m 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