

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

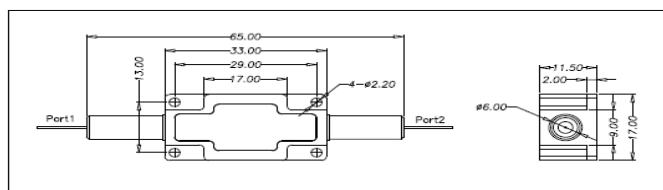
Specifications:

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= PM980 fiber	1=250um bare fiber	H=0.5m	0=None
			2=2W	S=Specify	2=900um loose tube	8=0.8m	1=FC/UPC
				3=3mm loose tube	1=1.0m	2=FC/APC	
				4=2mm loose tube	5=1.5m	3=SC/APC	
					2=2.0m	4=SC/UPC	
					3=3.0m	5=MU	
					4=4.0m	6=LC/UPC	
					A=2.5m	7=LC/APC	
					S=Specify	S=Specify	