1064nm High Power In Line Optical PM 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

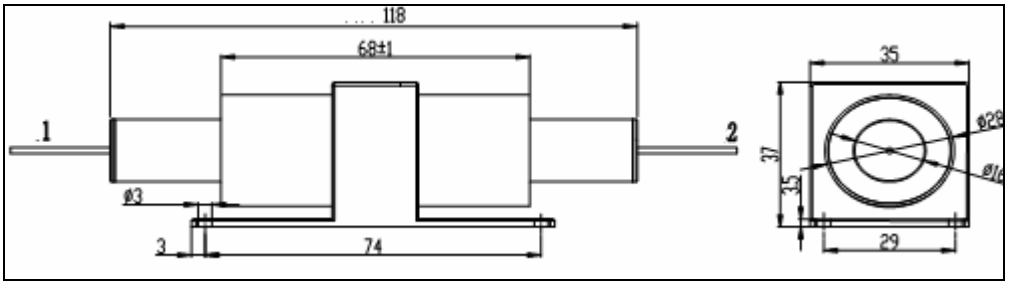
Parameter		Value
Center wavelength (nm)		1030、1040、1053、1064
Bandwidth (nm)		±10
Insertion Loss @23℃		≤1.0(typ.0.7)
Peak Isolation (dB)		32~40
Isolation at 23℃(dB)		≥25
Extinction Ratio at 23℃ (dB)	Type B (Both axis working)	≥20
	Type F (Fast axis blocked)	≥ 22
Return loss (Input/output) (dB)		≥50/50
Power handling CW (W)		0.3,0.5,1,2,3,5 or specify
Fiber Type		PM980 fiber
Operating temperature (℃)		0 ~ +65
Storage temperature (℃)		-20 ~ +85
Package Dimension (mm)		118*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

HPMIS	Wavelength	Axis Alignment	Power	Fiber Type	Pigtail Type	Length	Connector
HPMIS	1030=1030nm 1040=1040nm 1053=1053nm 1064=1064nm	B=Both axis working F= Fast axis blocked	0=300mW 1=500Mw 2=1W 3=2W 4=3W 5=5W S=specify	1=PM980	1=250um bare fiber 2=900um loose tube 3=3mm loose tube	H=0.5m 8= 0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC