Polarization Maintaining Isolator (1064nm)

Features:
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability
Application:
EDFA & Fiber Optical Instrument、Fiber Sensor 、Fiber Laser

Specifications:

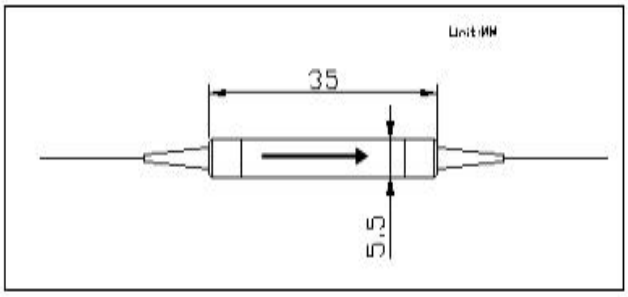
Type / Parameter		Single Grade	Dual Grade	Single Grade
Operating wavelength (nm)		1064		1030
Bandwidth (nm)		±5		±5
Isolation (at 23℃) (dB)		≥30	≥45	≥25
Insertion Loss (at 23℃)		≤1.8	≤3.2	≤3.2
Extinction Ratio (dB)	Type B(Both of axis working)	≥20	≥20	≥20
	Type F(Fast axis blocked)	≥22	≥22	≥22
Return loss (Input/Output) (dB)		≥55/50		≥55/50
Power handling (mW)		≤300mW CW Peak Power 1Kw		≤100mW CW Peak Power 1Kw
Fiber Type		PM 980 Panda fiber		
Operating temperature (℃)		-5~+50		
Storage temperature (℃)		-40 ~ +80		
Dimensions (mm)		φ5.5×L35		

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked.

Package Dimensions:



Ordering Information:

Polarization Maintainin Isolator 1064nm

PMIS	Wavelength	Type	Power	Axis Alignment	Package	Pigtail Type	Length	Connector
	1064=1064nm 1030=1030nm	S=Single stage D=Dual Stage	C=CW P=Pulse	F=Fast Axis Blocked B=Both Axis Working	0=φ5.5×L35mm S=Specify	1=250um bare fiber 2=900um loose tube e	H=0.5m 7=0.7m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify