Polarization Maintaining Isolator (1064nm)

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

Specifications

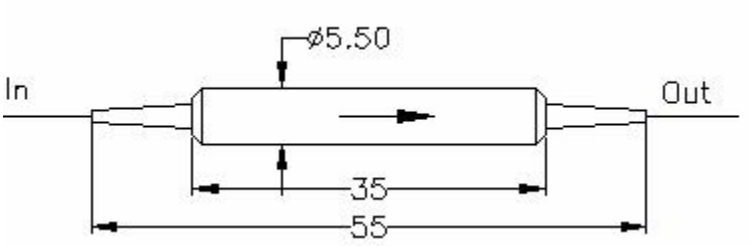
Type / Parameter		Single Grade		Dual Grade	
		P	A	P	A
Operating wavelength (nm)		1064			
Peak isolation (dB)		42	38	55	52
Isolation (at 23℃) (dB)		≥35	≥32	≥45	≥42
Typ. Insertion Loss(dB)		1.5	1.6	2.4	2.6
Insertion Loss(dB)		≤1.8	≤2.0	≤3.2	≤3.4
Extinction Ratio (dB)	Type B (Both of axis working)	≥20	≥18	≥20	≥18
	Type F (Fast axis blocked)	≥23	≥23	≥23	≥23
Return loss (Input/Output) (dB)		≥55/50			
Power handling (mW)		≤300			
Fiber Type		PM 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:

PMIS	Type	Grade	Wavelength	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	S= Single stage D = Dual Stage	P A	1064	F=Fast Axis Blocked B=Both Axis Working	250=250um bare fiber 900=900um loose tube	5=Panda fiber	0.8= 0.8m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other