


Polarization Maintaining Isolator (1064nm)

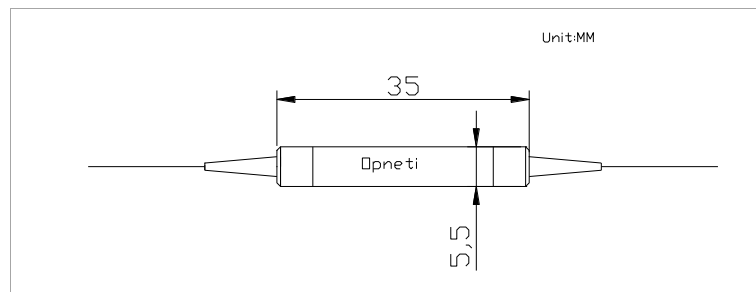
Features	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
Application	
EDFA & Fiber Optical Instrument Fiber Sensor Fiber Laser	

Specifications

Stage		Single Grade		Dual Grade	
Grade		P	A	P	A
Operating Wavelength (nm)		1064			
Bandwidth (nm)		±5			
Peak Isolation (dB)		40	38	55	52
Isolation (at 23°C) (dB)		≥35	≥32	≥45	≥42
Typ. Insertion Loss (at 23°C)		1.5	1.6	2.4	2.6
Insertion Loss (at-5 ~ +70 °C)		≤1.8	≤2.0	≤3.2	≤3.4
Extinction Ratio (dB)	Type 2 (Both of axis working)	≥20	≥18	≥20	≥18
	Type 1 (Fast axis blocked)	≥22	≥20	≥22	≥20
Return Loss (Input/Output) (dB)		≥50			
Power Handling (mW)		≤300			
Fiber Type		PM 980			
Operating Temperature (°C)		-5~+70			
Storage Temperature (°C)		-40 ~ +80			
Dimensions (mm)		φ5.5×L35			

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis

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	1=Fast Axis Blocked 2=Both Axis Working	250=250um 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