

Polarization Maintaining Isolator (1310,1480,1550nm)

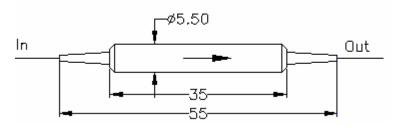
Features
Low Insertion Loss
Low Extinction Ratio & High Isolation
High stability and reliability
Application
EDFA
Fiber Optical Instrument
Fiber Sensor

Specifications

Туре		Single Grade		Dual Grade			
	Parameter	Р	Α	Р	Α		
Operating Wav	relength (nm)	1310,1480, 1550					
Bandwidth (nm)		±20					
Peak isolation	(dB)	42	40	58	55		
Isolation (at 23	℃) (dB)	≥28	≥26	≥48	≥45		
Typ. Insertion L	₋oss (at 23℃)	0.4	0.5	0.5	0.6		
Insertion Loss	(at-5 ~ +70 °C)	≤0.55	≤0.65	≤0.65	≤0.80		
Extinction	Type B (Both of axis working)	≥20	≥18	≥20	≥18		
Ratio (dB)	Type F (Fast axis blocked)	≥22	≥20	≥22	≥20		
Return loss (In	put/Output) (dB)	≥55					
Power handling (mW)		≤300					
Fiber Type		panda Fiber.					
Operating temperature (°C)		-5~+70					
Storage temperature (°C)		-40 ~ +80					
Dimensions (m	ım)	φ5.5×L35					

^{*}Above specifications are for devices without the connectors.

Package Dimensions



Ordering Information:

I	PMIS	Туре	Grade	Wavelength	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
		S= Single	Р	1310	F=Fast Axis	250=250um	5=Panda	0.8=	NE=None
		stage	Α	1480	Blocked	bare fiber	fiber	0.8m	FA=FC/APC
		D = Dual		1550	B=Both Axis	900=900um			FC=FC/UPC
		Stage			Working	loose tube			SA=SC/APC
									SC=SC/UPC
									XX=Other

^{*}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