

Polarization Maintaining Isolator

产品特点

Low Insertion Loss
Low Extinction Ratio & High Isolation
High stability and reliability

应用领域

EDFA
Fiber Optical Instrument
Fiber Sensor

主要参数

Type		Single Grade		Dual Grade	
		P	A	P	A
Parameter					
Operating Wavelength (nm)		1310, 1480, 1550			
Bandwidth (nm)		±20			
Peak isolation (dB)		42	40	58	55
Isolation (at 23°C) (dB)		≥28	≥26	≥48	≥45
Typ. Insertion Loss (at 23°C)		0.4	0.5	0.5	0.6
Insertion Loss (at -5 ~ +70 °C)		≤0.55	≤0.65	≤0.65	≤0.80
Extinction Ratio (dB)	Type B (Both of axis working)	≥20	≥18	≥20	≥18
	Type F (Fast axis blocked)	≥22	≥20	≥22	≥20
Return loss (Input/Output) (dB)		≥55			
Power handling (mW)		≤300			
Fiber Type		panda Fiber.			
Operating temperature (°C)		-5~+70			
Storage temperature (°C)		-40 ~ +80			
Dimensions (mm)		φ 5.5×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

PMIS	Type	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	Single stage	P	1310	250um	Panda	0.8m	NE=None
	Dual Stage	A	1480	900um loose	fiber		FA=FC/APC
			1550	tube			FC=FC/UPC
							XX=Other

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