

Mini Size Polarization Insensitive Isolator

Features:

Wide Operating Wavelength
 High isolation & Low insertion loss & Low PDL
 Mini Size

Application:

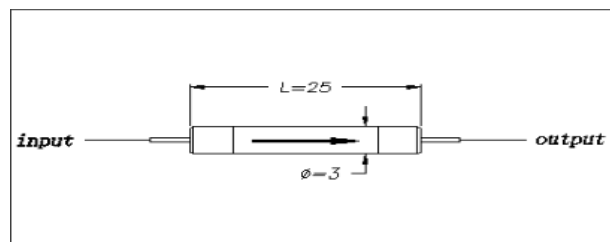
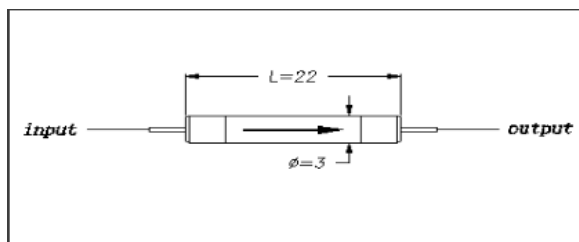
EDFA
 Transmitters
 WDM & DWDM System
 Testing instruments

Specifications:

Parameter	Type	Single stage		Dual Stage	
		P	A	P	A
Operating wavelength (nm)		1310, 1550			
Bandwidth(nm)		± 15			
Peak Isolation (dB)		40	38	50	48
Isolation @23°C(dB)		≥ 28	≥ 26	≥ 42	≥ 40
Typ. Insertion Loss		0.4	0.5	0.5	0.6
Insertion Loss @-5 ~ +70 °C(dB)		≤ 0.6	≤ 0.7	≤ 0.70	≤ 0.80
PDL @ 23°C (dB)		≤ 0.1	≤ 0.15	≤ 0.1	≤ 0.15
PMD (ps)		≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25
Return loss (dB)		$\geq 55/50$			
Power handling (mW)		≤ 300			
Fiber Type		SMF-28e			
Operating temperature (°C)		-5~ +70			
Storage temperature (°C)		-40 ~ +80			
Dimensions (mm)		$\phi 3.0 \times L22$ (P5) or $\phi 3.0 \times L25$ (P6)			

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Packing Dimensions:


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Ordering Information:

PIIS	Wavelength	Type	Grade	0	Package	Pigtail Type	Length	Connector
	1310=1310nm 1450=1450nm 1480=1480nm 1550=1550nm	S= Single Stage D = Dual Stage	P=P Grade A=A Grade		5=P5(3.0*22mm) 6=P6(3.0*25mm)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify