

Polarization Insensitive Isolator

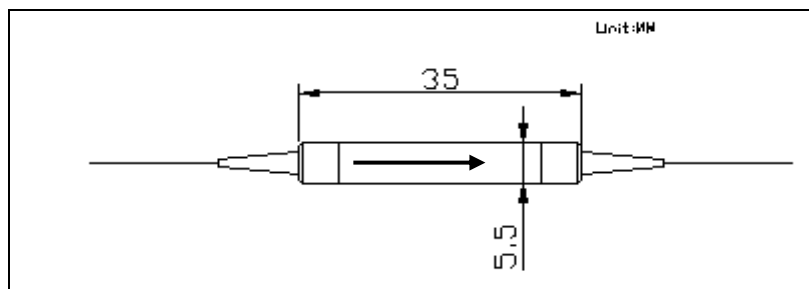
Features	
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL High stability and reliability	
Application	
EDFA & Testing instruments Transmitters WDM & DWDM System	

Specifications

Parameter	Type	Single stage		Dual Stage	
		P	A	P	A
Operating wavelength (nm)		1310, 1480, 1550			
Bandwidth		±15			
Peak isolation (dB)		42	40	58	56
Isolation @23°C (dB)		≥28	≥26	≥46	≥45
Typ. Insertion Loss		0.35	0.40	0.40	0.50
Insertion Loss @-5 ~ +70 °C (dB)		≤0.50	≤0.70	≤0.55	≤0.90
PDL @ 23°C (dB)		≤0.05	≤0.1	≤0.1	≤0.15
PMD (ps)		≤0.2	≤0.25	≤0.05	≤0.07
Return loss (dB)		≥60/55			
Power handling (mW)		≤500			
Fiber Type		SMF-28e			
Operating temperature (°C)		-5 ~ +70			
Storage temperature (°C)		-40 ~ +80			
Dimensions (mm)		φ5.5×L35(P1)			

*Above specifications are for devices without the connectors.

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



Ordering Information:

PIIS	Wavelength	Type	Grade	0	Package	Pigtail Type	Length	Connector
	1310=1310nm 1480=1480nm 1550=1550nm	S= Single stage D = Dual Stage	P=P Grade A=A Grade		1=P1 (5.5*35mm)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	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	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC