

Polarization Insensitive Isolator (1064nm)

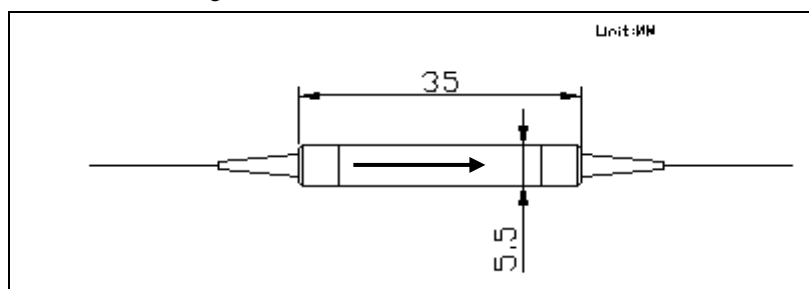
Features	
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL High stability and reliability	
Application	
EDFA & Testing instruments Transmitters WDM & DWDM System	

Specifications

Type Parameter	Single stage		Dual Stage	
	P	A	P	A
Operating wavelength (nm)	1064			
Bandwidth	±5			
Peak isolation (dB)	40	38	55	52
Isolation @23°C (dB)	≥30	≥28	≥45	≥42
Typ. Insertion Loss	1.4	1.6	2.3	2.5
Insertion Loss @-5 ~ +50 °C (dB)	≤1.8	≤2.0	≤3.2	≤3.4
PDL @ 23°C (dB)	≤0.15			
Return loss (dB)	≥55/50			
Power handling (mW)	≤300			
Fiber Type	HI 1060			
Operating temperature (°C)	-5~ +50			
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
	1064=1064nm	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