

## Polarization Insensitive Isolator

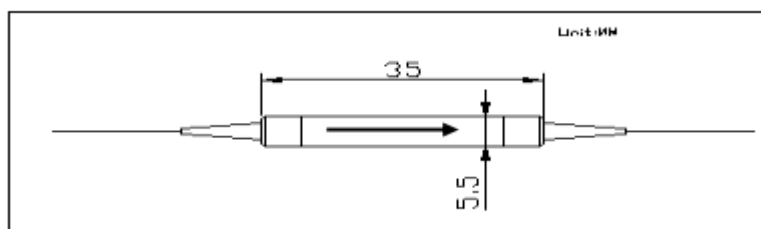
<b>Features:</b>
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL High stability and reliability
<b>Application:</b>
EDFA & Testing instruments Transmitters WDM & DWDM System

**Specifications:**

Parameter \ Type	Single stage		Dual Stage	
	P	A	P	A
Operating wavelength (nm)	1310, 1450, 1480, 1550			
Bandwidth (nm)	±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	≤0.10	≤0.10	≤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

**Packing Dimensions:**

**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		1=P1(5.5*35mm) 2=P2(5.5*30mm) 3=P3(90*20*9.5 ) 4=P4(4.0* ≤ 28mm Glass tube )	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