

## Polarization Insensitive & Sensitive Isolator (1064nm)

**Features:**

Wide Operating Wavelength  
 High isolation & Low insertion loss & Low PDL  
 High stability and reliability

**Application:**

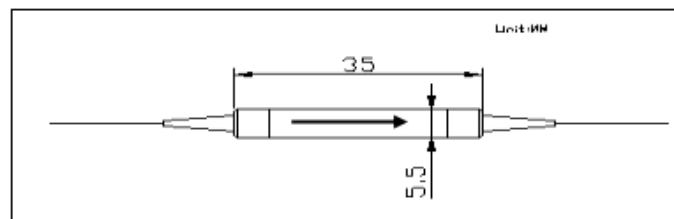
EDFA & Testing instruments  
 Transmitters  
 WDM & DWDM System

**Specifications:**

Type		Single stage		Dual Stage	
		P	A	P	A
Parameter					
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)	Polarization Insensitive	≤0.15			
	Polarization Sensitive	≥23			
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, 90*20*9.5mm			

\*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/ PSIS	Wavelength	Type	Grade	Polarization Type	Package	Pigtail Type	Length	Connector
	1064=1064nm	S= Single stage D = Dual Stage	P=P Grade A=A Grade	I= Insensitive S= Sensitive	0=φ5.5×L35mm 1=90*20*9.5mm 2=Glass tube S=Specify	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