

Polarization Insensitive Isolator

Features:

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

Application:

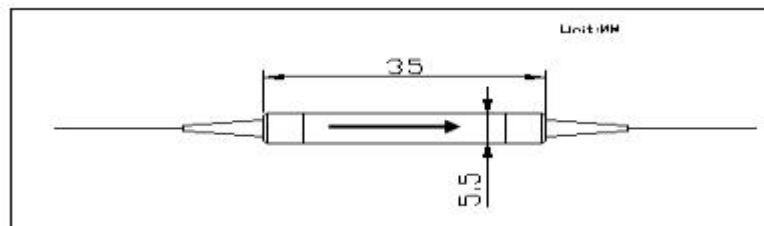
EDFA & Testing instruments
 Transmitters
 WDM System

Specifications:

Type	Single stage	Dual Stage
Operating wavelength (nm)	1310,1450,1480, 1550, 1625,1650, 1460-1620, 1530-1610	
Bandwidth(nm)	±15	
Isolation @23°C (dB)	≥28 (Single WL) ≥25 (1650,wideband WL)	≥40 (Single WL) ≥35 (1650, wideband WL)
Insertion Loss @23°C (dB)	≤0.50 (Single WL) ≤0.80 (wideband WL)	≤0.80 (Single WL) ≤1.0 (wideband WL)
PDL @ 23°C (dB)	≤0.05	≤0.10
PMD (ps)	≤0.2	≤0.05
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	0 0	Package	Pigtail Type	Length	Connector
	1310=1310nm 1450=1450nm 1480=1480nm 1550=1550nm 1610=1610nm 1650=1650 SCL0=1460-1 620 CL00=1530-1 610	S= Single Stage D = Dual Stage		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 S=Specify	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify