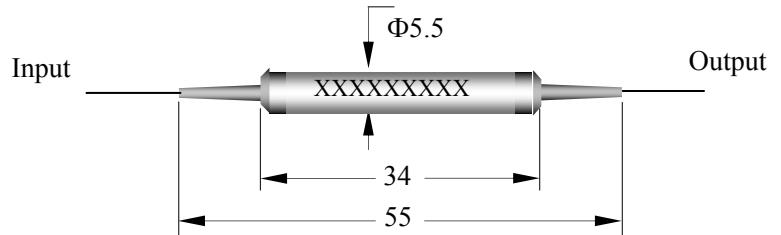


Polarization Insensitive Isolator (1310/1480/1550nm)

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

Parameter \ Type	Single Stage		Dual Stage	
	P	A	P	A
Operating wavelength (nm)	1310 ± 15 & 1480 ± 15 & 1550 ± 15			
Typ. Insertion Loss(dB)& 23 °C	0.35	0.4	0.4	0.5
Insertion loss (dB)	≤0.4	≤0.5	≤0.5	≤0.6
Typ. Peak isolation (dB)	42	40	58	55
Isolation at (dB) (23 °C)	≥32	≥30	≥48	≥45
PDL (dB)	≤0.05	≤0.1	≤0.05	≤0.05
PMD(ps)	≤0.20		≤0.07	
Return loss (input/output)	≥55/50	≥55/50	≥55/50	≥55/50
Fiber Type	SMF-28e			
Operating temperature (°C)	-5 °C ~ + 70 °C			
Storage temperature (°C)	-40 °C ~ + 85 °C			
Input power (mw)	≤500			
Dimensions (mm)	Φ5.5× L34			

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

Pll	X	X	XX	X	X	XX	XX	XX
Product Description	Stage	Grade	Operating Wavelength	Pigtail Type	Fiber Type	Input & Output Connector Type	Package Size	Fiber Length
P=Polarization	D=Dual	P	06=1064nm	0=250um	0=SMF-28e	0=None	34=5.5×34	05=0.5m
I=Insensitive	S=Single	A	13=1310nm	1=900um	1=HI1060	1=FC/UFC	35=5.5×35	08=0.8m
I=Isolator			15=1550nm		4=others	2=FC/APC	38=5.5×38	10=1.0m
						3=SC/UPC		12=1.2m
						4=SC/APC		

E-mail: sales@shenjiantx.com

Web : <http://www.shenjiantx.com>