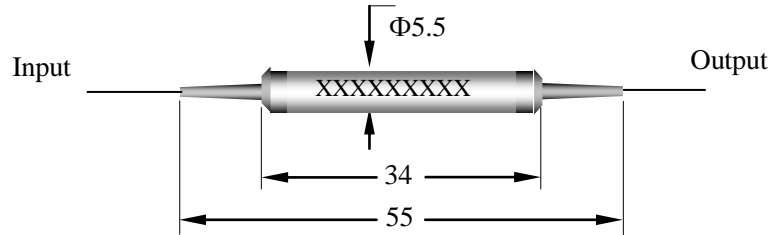


Polarization Maintaining Isolator (1310/1550nm)

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 or 1550 ± 15				
Typ. Insertion Loss(dB)& 23℃		0.4	0.5	0.5	0.6
Insertion loss (dB)& -5℃~50℃		≤0.5	≤0.65	≤0.65	≤0.8
Typ. Peak isolation (dB)		42	40	58	55
Isolation at (dB) (23 ℃)		≥32	≥30	≥48	≥45
Extinction ratio Type B (dB)		≥22	≥20	≥22	≥20
Extinction ratio Type F (dB)		≥23	≥20	≥23	≥20
Return loss (input/output)		≥55/50	≥55/50	≥55/50	≥55/50
Fiber Type	SM13-PS-U25A or SM15-PS-U25A				
Operating temperature (℃)	-5℃ ~ + 70℃				
Storage temperature (℃)	-40℃ ~ + 85℃				
Input power (mw)	≤500				
Dimensions (mm)	Φ5.5× L34				
“B” for Both axis working, “F” for Fast axis blocking.					

*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:

PMI	X	X	X	XX	X	X	XX	XX	XX
Product Description	Stage	Grade	Axis Type	Operating Wavelength	Pigtail Type	Fiber Type	Input & Output Connector Type	Package Size	Fiber Length
P=Polarization	D=Dual	P	B	06=1064nm	0=250um	1=PM98	0=None	34=5.5×34	05=0.5m
M=Maintaining	S=Single	A	F	13=1310nm	1=900um	2=PM15	1=FC/UFC	35=5.5×35	08=0.8m
I=Isolator				15=1550nm		3=PM13	2=FC/APC	38=5.5×38	10=1.0m
						4=others	3=SC/UPC		12=1.2m
							4=SC/APC		

深圳市深建通信科技有限公司

E-mail: sales@shenjianx.com
Web : <http://www.shenjianx.com>