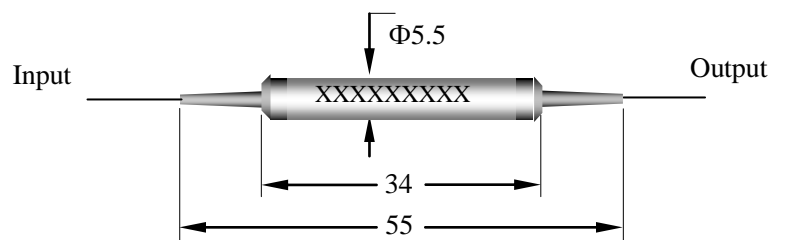


High Power Polarization Maintaining Isolator (1310/1480/1550nm,1~5W)

1. Features:

- Low insertion loss
- High power handing
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- HP EDFA



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℃		0.45	0.55	0.60	0.70
Insertion loss (dB)		≤0.55	≤0.70	≤0.80	≤1.0
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, SM15-PS-U25A			
Operating temperature (℃)		-5℃ ~ + 70℃			
Storage temperature (℃)		-40℃ ~ + 85℃			
Max. Handling power (w)@CW		1,3,5			
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:

HPPMI	X	X	X	XX	X	X	XX	XX	XX
Product Description	Stage	Power	Grade	Operating Wavelength	Pigtail Type	Fiber Type	Input & Output Connector Type	Package Size	Fiber Length
H=High	D=Dual	1=1W	P	06=1064nm	0=250um	13=PM13	0=None	34=5.5×34	05=0.5m
P=Power	S=Single	3=3W	A	13=1310nm	1=900um	15=PM15	1=FC/UFC	35=5.5×35	08=0.8m
P=Polarization		5=5W		15=1550nm		98=PM98	2=FC/APC	38=5.5×38	10=1.0m
M=Maintaining					4=others	3=SC/UPC		12=1.2m
I=Isolator							4=SC/APC		

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