

Features

- High Isolation
- Low Insertion Loss
- Large Aperture Features

Applications

- Fiber Optic Lasers
- Optical Transmitters & Transceivers
- Fiber Amplifiers
- Fiber Sensors

Specifications

Parameters	Unit	Values			
		Single Stage		Dual Stage	
Grade		Grade P	Grade A	Grade P	Grade A
Center Wavelength (λ_c)	nm	1310, 1480 or 1550			
Operating Wavelength Range	nm	±20			
Typ. Peak Isolation	dB	42	40	58	55
Min. Isolation at 23°C	dB	28	26	48	45
Typ. Insertion Loss at 23°C	dB	0.4	0.5	0.5	0.6
Max. Insertion Loss at -5°C-70°C	dB	0.55	0.65	0.65	0.8
Min. Return Loss (Input/Output)	dB	55	55	55	55
Min. Extinction Ratio(only for B type)	dB	20	18	20	18
Min. Extinction Ratio(only for F type)	dB	25	23	25	23
Max. Optical Power (CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type		PM Panda Fiber			
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-40 to +85			

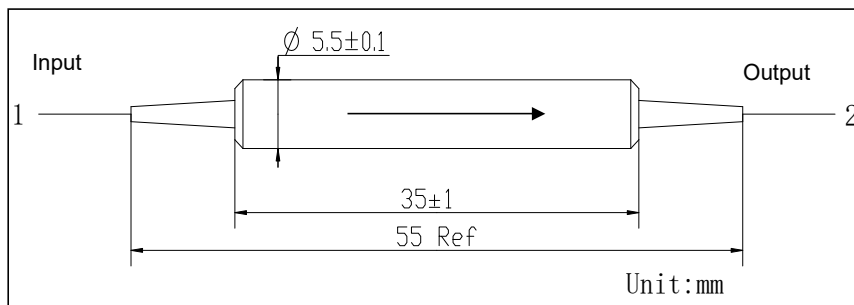
*Above specifications are for device without connector.

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

*The PM fiber and the connector key are aligned to the slow axis.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

PMI-①-②-③-④-⑤⑤-⑥⑥-⑦-⑧-⑨⑨

①: Wavelength
 1310 - 1310nm
 1480 - 1480nm
 1550 - 1550nm
 S - Specify

②: Grade
 P - Premium Grade
 A - A Grade

③: Stage
 S - Single Stage
 D - Dual Stage

④: Axis Alignment
 F - Fast Axis Blocked
 B - Both Axis Working

⑤⑤: Connector Type on Port 1 & 2
 1B - FC/UPC
 2B - FC/APC (Step)
 3D - SC/UPC
 4D - SC/APC (Step)
 N - None
 S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2
 B - Bare Fiber
 C - 900um Red Loose Tube
 S - Specify

⑦: Fiber Type
 2B - PM 1300
 3B - PM 1550
 S - Specify

⑧: Fiber Length
 0.8 - 0.8m
 S - Specify

⑨⑨: Package Type
 01 - $\phi 5.5 \times 35$