

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
Stage			
Center Wavelength (λc)	nm	1310, 1480, 1550 or 1590	
Operating Wavelength Range	nm	±20	
Typ. Peak Isolation	dB	42	58
Min. Isolation at 23°C	dB	28	48
Typ. Insertion Loss at 23°C	dB	0.4	0.5
Max. Insertion Loss at 23°C, λc	dB	0.6	0.7
Min. Return Loss (Input/Output)	dB	55	55
Min. Extinction Ratio(only for F type)	dB	25	25
Min. Extinction Ratio(only for B type)	dB	22	22
Max. Optical Power (CW)	W	1, 3, 5, 10 or Specify	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

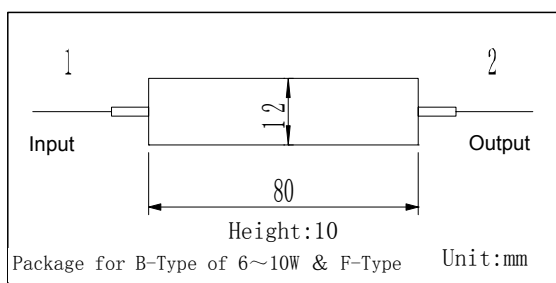
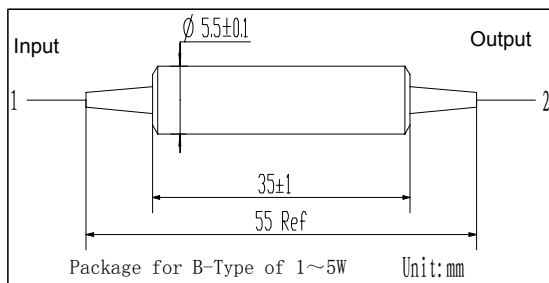
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower, and handling power will be 1W(CW).

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

*For pulse application please discuss with Optizone.

Package Dimensions



Ordering Information

HPMI-①①-②-③-④-⑤⑤-⑥⑥-⑦

- ①①: Wavelength
 31 - 1310nm
 48 - 1480nm
 55 - 1550nm
 SS - Specify

- ②: Stage
 S - Single Stage
 D - Dual Stage

- ③: Power Level
 1 - 1W
 3 - 3W
 5 - 5W
 10 - 10W
 S - Specify

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

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

- ⑥⑥: Fiber Jacket on Port 1 & 2
 B - 250um Fiber
 L - 900um Loose Tube
 S - Specify

- ⑦: Fiber Length
 0.8 - 0.8m
 S - Specify