

**Features**

High Isolation  
 Low Insertion Loss  
 High Extinction Ratio  
 High Reliability

**Applications**

Optical Fiber Amplifier  
 Fiber Optic Sensor  
 Instrumentation  
 R&D  
 Fiber Lasers  
 Radar

**Specifications**

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
Center Wavelength (λc)	nm	2000	
Operating Wavelength Range	nm	±50	
Min. Isolation at 23°C	dB	18	32
Typ. Insertion Loss at 23°C	dB	0.8	1.0
Max. Insertion Loss at -5°C-70°C	dB	1.2	1.4
Min. Extinction Ratio(only for B type)	dB	18	
Min. Extinction Ratio(only for F type)	dB	20	
Min. Return Loss (Input/Output)	dB	50/50	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type		PM 1550 Fiber , PM 1950 Fiber or Specify	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

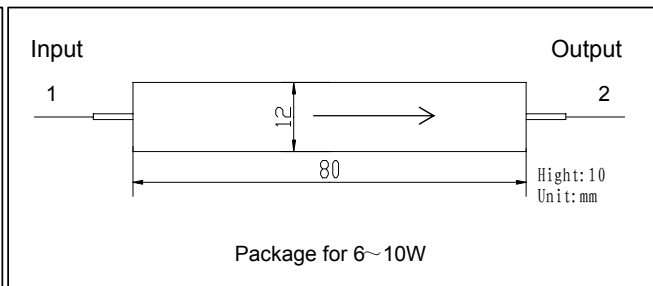
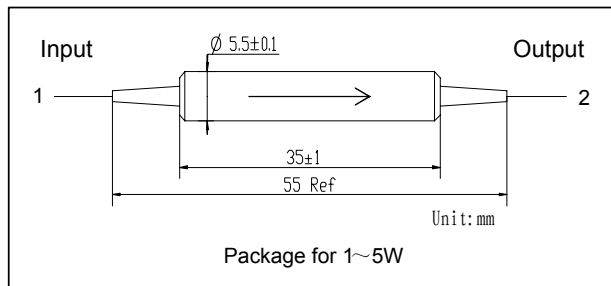
\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower. Optical power is only 1W.

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

\*For F type, fast axis is blocked, the input must be Linear polarized light, and the input polarization must be aligned properly.

**Package Dimensions**



**Ordering Information**

HPMI-①①-②-③③-④-⑤⑤-⑥⑥-⑦-⑧

①①: Wavelength  
 20 - 2000nm

②: Stage  
 S - Single Stage  
 D - Dual Stage

③: Handling Power  
 01 - 1W  
 02 - 2W  
 05 - 5W  
 SS - 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  
 C - 3mm Loose Tube  
 L - 900um Loose Tube  
 S - Specify

⑦: Fiber Type  
 1 - PM1550 Fiber  
 2 - PM 1950 Fiber  
 S - Specify

⑧: Fiber Length  
 0.8 - 0.8m  
 S - Specify