

## Polarization Maintaining Fiber Patchcord

### Features

High Isolation  
 Low Insertion Loss  
 Large Aperture Features

### Applications

Fiber Optic Lasers  
 Optical Transmitters & Transceivers  
 Fiber Instruments  
 Fiber I/O Ports

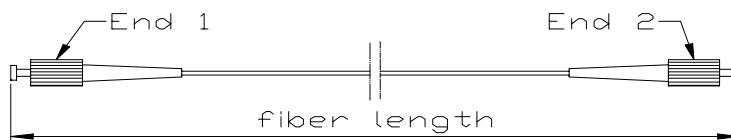


### Specifications

Parameters	Unit	Values	
Wavelength	nm	980*, 1064*, 1310, 1480 or 1550	
Connector type		FC/UPC & SC/UPC	FC/APC & SC/APC
Key Orientation		Slow Axis	
Axis Alignment	deg	± 3	
Typ. Insertion Loss	dB	0.3	0.4
Max. Insertion Loss	dB	0.5	
Min. Return Loss	dB	50	60
Min. Extinction Ratio	dB	23	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber	
Fiber Length Tolerance	%	± 10	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

\* IL is 0.1dB higher for short wavelength, including 980nm & 1064nm.

### Package Dimensions



### Ordering Information

**PMFP-①①-②-③③-④-⑤**

①①: Wavelength

55 - 1550nm  
 48 - 1480nm  
 31 - 1310nm  
 06 - 1060nm  
 98 - 980nm  
 S - Specify

③③: Connector Type on End 1 & 2

1 - FC/UPC  
 2 - FC/APC  
 3 - SC/UPC  
 4 - SC/APC  
 N - None  
 S - Specify

④: Fiber Jacket

B - 250um Bare Fiber  
 D - 400um Bare Fiber  
 L - 900um Loose Tube  
 T - 900um Tight Buffer  
 C - 3mm Cable  
 S - Specify

②: Key Width (for FC Connector)

R - 2.02mm

⑤: Fiber Length

1 - 1.0m  
 S - Specify