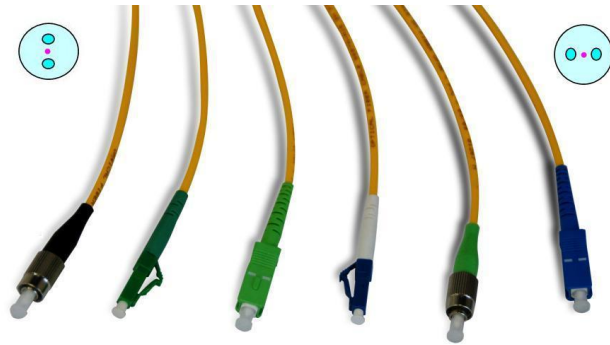


## Polarization Maintaining Fiber Patch-cord

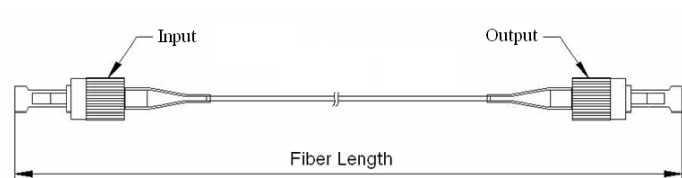
### 1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



### 3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

#### 4. Specifications:

Parameter	Type	Values			
		Single Mode Fiber			
Connector type		UPC		APC	
Operating wavelength (nm)		780, 850, 980, 1064, 1310, 1550			
Grade		P	A	P	A
Insertion loss (dB)		≤0.3	≤0.4	≤0.4	≤0.5
Extinction ratio (dB)		≥25	≥23	≥25	≥23
Return loss (dB)		≥55	≥50	≥60	≥55
Repeatability (dB)		≤0.1			
Changeability (dB)		≤0.2			
Durability (times)		≥1000			
Fiber Type		PM780, PM850, PM980, PM1310, PM1550			
Storage temperature (°C)		-40°C ~ + 85 °C			

\*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:

PMFP	X X	X	X	X	X	X	XXX
Product Description	Operating Wavelength	Grade	Axis Alignment	Pigtail Type	Input Connector Type	Output Connector Type	Fiber Length
P=Polarization	78=780nm	P= Perfect	S=Slow Axis	0=250um	0=None	0=None	005=0.5m
M=Maintaining	85=850nm	A= Grade A	F= Fast axis	1=900um	1=FC/UFC	1=FC/UFC	010=1.0m
F=Fiber	98=980nm			2=2mm	2=FC/APC	2=FC/APC	020=2.0m
P=Patch-cord	06=1060nm			3=3mm	3=SC/UPC	3=SC/UPC	030=3.0m
	13=1310nm				4=SC/APC	4=SC/APC	100=10m
	15=1550nm				5=LC/UPC	5=LC/UPC	150=15m
					6=LC/APC	6=LC/APC	200=20m

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