

## PM Patch cord

### Descriptions

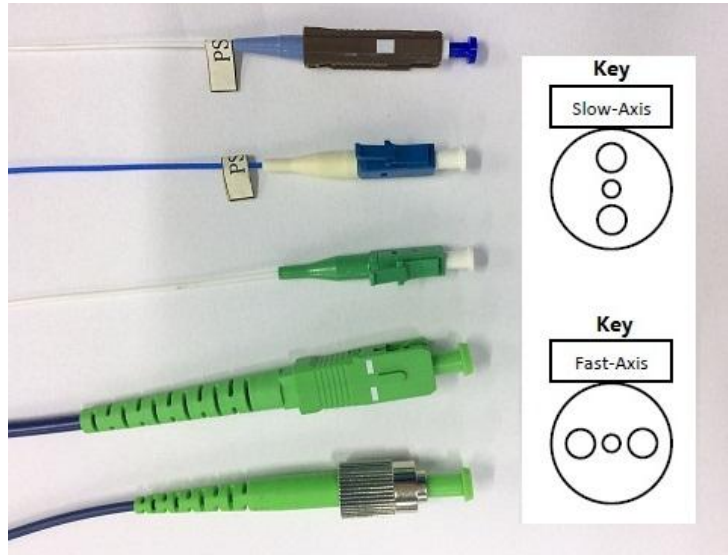
Anylink manufactures FC, SC, LC, MU and other types Polarization Maintaining fiber connectors. PM Fibers are designed to reduce cross-talk between modes. More information about PM Fiber, including the difference between fast and slow axis, as well as what extinction ratio

### Features

- ▶ Low Insertion Loss, High Return Loss
- ▶ High Extinction Ratio
- ▶ Alignment with Different Angle
- ▶ GR-1221 Compliance

### Applications

- ▶ PM Components
- ▶ Fiber Sensor System
- ▶ Coherent module and system
- ▶ PM Laser Source






### Specifications

Parameter		Specification							
Operating wavelength (nm)		1550	1310	980/1060	850	780	633	532	405
Fiber type		PM 1550	PM 1310	PM 980	PM 850	PM 780	PM 630	PM 530	PM 405
Insertion loss(dB)		≤0.3		≤0.5	≤0.7	≤0.8	≤1.2	≤1.6	≤1.8
Return loss (dB)	UPC	≥50dB							
	APC	≥60dB							
Extinction ratio(dB)		≥25	≥25	≥24	≥23	≥23	≥21	≥20	≥20
Operating temperature (°C)		-20 ~ +75							
Storage temperature (°C)		-40 ~ +85							

Remark: Customized different connector type/ length tolerance/specifications.

### Axis Polarity

Polarization	FA (FAST)	SA (SLOW)	OA (other)
Direction of the stress producing members against the key			
	The stress producing members are horizontal to the key :0°±3°	The stress producing members are perpendicular to the key :0°±3°	The stress producing members are at the designated angle to the key

## Ordering Information

<b>PMPC – A/B – C/D – E – F – G – H – I – J</b>		
<b>A</b>	Connector Type	FC, SC, LC, MU, ST, etc
<b>B</b>	Ferrule Type	PC, UPC, APC(Cone), APC (Step), etc
<b>C</b>	Connector Type	FC, SC, LC, MU, ST, etc
<b>D</b>	Ferrule Type	PC, UPC, APC(Cone), APC (Step), etc
<b>E</b>	Fiber Type	PM1550, PM1310, PM980, PM850, etc
<b>F</b>	Axis Polarity	SA=Slow-Axis(perpendicular to key), FA=Fast-Axis (horizontal to key), OA=Other-Axis(Customer Request)
<b>G</b>	Tube Type	0.9=0.9mm loose tube, 2.0= 2.0mm loose tube, 3.0=3.0mm loose tube etc
<b>H</b>	Jacket Color	Blue(standard), White, Clear (Bare Fiber Only), etc
<b>I</b>	Jacket Material	PVC, Hytrel, Riser OFNR, PVDF, Customer Request
<b>J</b>	Total length	005=0.5m; 010=1.0m 100=10m etc
For example: PMPC -FC/APC—SC/UPC-PM1550-SA-0.9-Blue-Hytrel-010		