

## Polarization Maintaining Fiber Patch Cords

### FEATURES

- High Return Loss
- Low Insertion Loss
- IEC Standard Compliant
- High Reliability & Stability
- Excellent Changeability

### APPLICATIONS

- Telecommunication Systems
- CATV Systems
- LAN System
- Testing Equipment
- Sonet Networks



### SPECIFICATIONS

Parameter	Unit	PC Polish	SPC Polish	UPC Polish	APC Polish
Optical Wavelength	nm	1310, 1480, 1550, 1590, 1610, 1650, 1700, 1750			
Insertion Loss	Typ.	≤0.3			≤0.4
	Max	≤0.50			
Return Loss	dB	≥40	≥45	≥50	≥60
Extinction Ratio	PM-Single Mode Fiber	≥23			
	PM-LMA Fiber	≥20			
Key Alignment	PM Fiber Axis	Slow Axis			
	Tolerance	±3°			
Connector Type	-	FC, SC, LC, MU			
Fiber Type	-	PM1310/1550 Panda Fiber or 10/125um PMDC Fiber (O) 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R) or 25/300um PMDC Fiber (G)			
Fiber Jacket	-	Bare Fiber (B), 900um Loose Tube (L), 900um Tight Buffer (T), 2mm Cable (2), 3mm Cable (3)			
Jacket Color	-	Yellow (YL); Black (BK); Green (GR); Blue (BL); Red (RD); Orange (OR); White (WT); Clear (CL)			
Fiber Length Tolerance	>0.5m	%	+/-10%		
	≤0.5m	cm	+/-5		
Max. Optical Power (CW)	mW	300			
Operating Temperature	°C	0~70			
Storage Temperature	°C	-40~85			

**Note:** 1. Specifications may change without notice.

2. Patchcords with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

### ORDERING INFORMATION (PN)

<b>PPTC-PMNNNN</b>	<b>-</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>(CC)</b>	<b>-CC/CCC</b>	<b>-</b>	<b>NN</b>	<b>-</b>	<b>CC/CCC</b>
<i>Wavelength</i>		<i>Type</i>	<i>Fiber Type</i>	<i>Jacket Type</i>	<i>Jacket Color</i>	<i>Input Connector Type</i>		<i>Fiber Length</i>		<i>Output Connector Type</i>
1550-1550nm		S= Simplex	2=PM1310/1550Fiber	3= 3mm Jacket	BL=Blue	FC/PC=FC/PC Connector		05= 0.5m		N= Without Connector
1480-1480nm		D= Duplex	0=10/125 PMDC Fiber	2= 2mm Jacket	BK=Black	SC/APC =SC/APC Connector		1= 1m		FC/APC=FC/APC Connector
1310-1310nm			T=12/130 PMDC Fiber	L= Loose Tube	YL=Yellow	LC/UPC = LC/UPC Connector		3= 3m		LC/UPC= LC/UPC Connector
1700-1700nm			G=25/300 PMDC Fiber	B= Bare Fiber	OR=Orange	FC/SPC=FC/SPC Connector		10= 10m		SC/APC =SC/APC Connector