

## 350-750nm 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

Connector Type		Unit	Value			
Optical Wavelength		nm	350, 375	405, 450	460, 488, 532,	635, 650, 660, 690, 720
Insertion Loss	Typ.	dB	1.9	1.2	0.9	0.8
	Max	dB	2.5	1.8	1.5	1.2
Return Loss		-	PC Polish	SPC Polish	UPC Polish	APC Polish
		dB	≥40	≥45	≥50	≥60
Extinction Ratio		dB	≥16	≥16	≥18	≥20
Key Alignment	PM Fiber Axis	-	Slow Axis			
	Tolerance	°	±3°			
Connector Type		-	FC, SC, LC, MU			
Fiber Type	320-400nm	-	PM S305-HP Fiber			
	405-450nm	-	PM S405-XP Fiber			
	460-532nm	-	PM 460-HP Fiber			
	635-750nm	-	PM 630-HP Fiber			
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	10	20	30	
Operating Temperature		°C	0~50			
Storage Temperature		°C	-40~85			

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

### ORDERING INFORMATION (PN)

<b>PPTC-PMNNN-</b>	<b>C</b>	<b>N</b>	<b>C</b>	<b>(CC)</b>	<b>- CC/CCC</b>	<b>- NN</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>
405-405nm	S= Simplex	2-PM Panda Fiber	3= 3mm Jacket	BL=Blue	FC/APC=FC/APC Connector	05= 0.5m	N= Without Connector
460-460nm	D= Duplex		2= 2mm Jacket	BK=Black	SC/PC =SC/PC Connector	1= 1m	FC/APC=FC/APC Connector
532-532nm			L= Loose Tube	YL=Yellow	LC/UPC = LC/UPC Connector	3= 3m	LC/UPC= LC/UPC Connector
635-635nm			B= Bare Fiber	OR=Orange	FC/UPC=FC/UPC Connector	10= 10m	SC/PC =SC/PC Connector