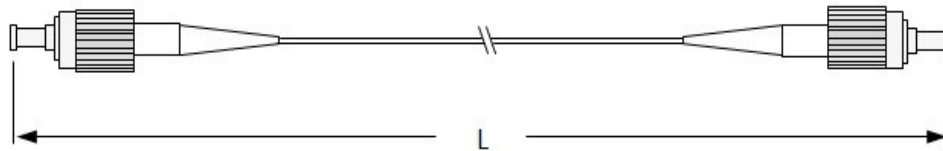


## Polarization Maintaining Patch Cord 1040nm

The 1040nm polarization maintaining (PM) Fiber Patch Cord (PM Fiber Jumper, PM fiber Patch Cable) is built with PM panda fiber that has fiber connectors installed on one or both ends, the connector type could be FC/APC, FC/UPC, SC/APC, SC/UPC LC/APC and LC/UPC, and the connector key is aligned to slow axis.



### Features

- High Extinction Ratio
- Low IL & RL
- Custom Fiber Length & Connector
- High Reliability & Stability

### Applications

- High Speed Telecommunications
- Fiber Sensor
- Fiber Amplifier
- PM Fiber System

### Performance Specification

Parameter	Value		Unit
Center Wavelength	1040 or customized		nm
Connector Polishing Type	PC	APC	
Key Alignment	±3° to Slow Axis		
Key Width (for FC connector)	2.02		mm
Typ. Insertion Loss	0.3	0.4	dB
Max. Insertion Loss	0.5	0.5	dB
Min. Return Loss	50	60	dB
Min. Extinction Ratio	23	23	dB
Fiber Type	PM 980 Panda Fiber or Customized		
Fiber Length Tolerance	10% or Customized		
Fiber Length	L		m
Max. Tensile Load	5		N
Max. Optical Power (Continuous Wave)	300		mW
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C

### Note

\* The PM fiber and the connector key are aligned to the slow axis.

### Ordering Information

#### PMPC-AAAA-BB-C-DD-EE-FF

AAAA	BB	C	DD	EE	FF
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector 1	Connector 2
1030 - 1030nm	P9 - PM 980 Fiber	L - 900um Loose	05 - 0.5m	NE - None	NE - None
1040 - 1040nm	SS - Specify	Tube	08 - 0.8m	FA - FC/APC	FA - FC/APC
1050 - 1050nm		2 - 2.0mm Loose	10 - 1.0m	FP - FC/PC	FP - FC/PC
1053 - 1053nm		Tube	15 - 1.5m	SA - SC/APC	SA - SC/APC
1064 - 1064nm		3 - 3.0mm Loose	20 - 2.0m	SP - SC/PC	SP - SC/PC
1080 - 1080nm		Tube	30 - 3.0m	LA - LC/APC	LA - LC/APC
SSSS - Specify			SS - Specify	LP - LC/PC	LP - LC/PC
				SS - Specify	SS - Specify