

532nm Polarization Maintaining Fiber Patchcord

532nm Polarization Maintaining (PM) Fiber Patchcord is built with PM Panda fiber, it's used for polarized light transmission and keep the light polarization maintaining, the termination connector can be FC, SC, LC. It features low insertion loss and high extinction ratio.

Application:

Fiber Optic Gyroscope
Fiber Optic Sensor
Fiber Amplifier System
Testing System

Features:

High Extinction Ratio
High Return Loss
Low Insertion Loss
High Reliability



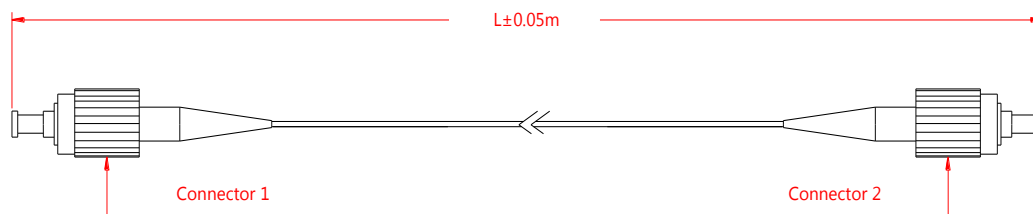
Optical Specification:

| Parameter | Symbol | Value | Unit |
|-------------------------|-----------|------------------------|------|
| Center Wavelength | λ | 532 | nm |
| Typ. Insertion Loss | IL | 0.5 | dB |
| Max. Insertion Loss | IL | 0.9 | dB |
| Min. Extinction Loss | ER | 22 | dB |
| Min. Return Loss | RL | 50 for UPC, 60 for APC | dB |
| Fiber Type | | PM Panda Fiber | - |
| Connector Key Alignment | | $\pm 3^\circ$ | - |
| Tensile Load | | 5 | N |
| Max. Optical Power | P | 300 | mW |
| Operating Temperature | T | -5~70 | °C |
| Storage Temperature | T | -40~85 | °C |

Notice: Above specifications are tested at center wavelength in room temperature @23°C.

Slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

| PMFP- WWW - J - LL - CC - CC | | | | |
|---|----------------------|--------------|-------------|-------------|
| WWW | J | LL | CC | CC |
| Wavelength | Fiber Jacket | Fiber Length | Connector 1 | Connector 2 |
| 488 - 488nm | 9 - 900um Loose Tube | 05 - 0.5m | FA - FC/APC | FA - FC/APC |
| 532 - 532nm | 2 - 2.0mm Loose Tube | 10 - 1.0m | FU - FC/UPC | FU - FC/UPC |
| 633 - 633nm | 3 - 3.0mm Loose Tube | 15 - 1.5m | SA - SC/APC | SA - SC/APC |
| 650 - 650nm | | 20 - 2.0m | SU - SC/UPC | SU - SC/UPC |
| 680 - 680nm | | 30 - 3.0m | LA - LC/APC | LA - LC/APC |
| | | SS - Specify | LU - LC/UPC | LU - LC/UPC |