

780nm SM Fiber Patchcord

780nm Singlemode (SM) Fiber Patchcord is built with SM fiber, it's widely used in Fiber Laser System, Testing System, Fiber Amplifier and Fiber Optic Communication field, the termination connector can be FC, SC, LC, ST, the jacket can be 0.9, 2.0, 3.0mm or armored type.

Application:

Fiber Laser System
 Testing System
 Fiber Amplifier
 Fiber Optic Communication

Features:

Low Insertion Loss
 High Return Loss
 High Quality Ferrule
 High Reliability

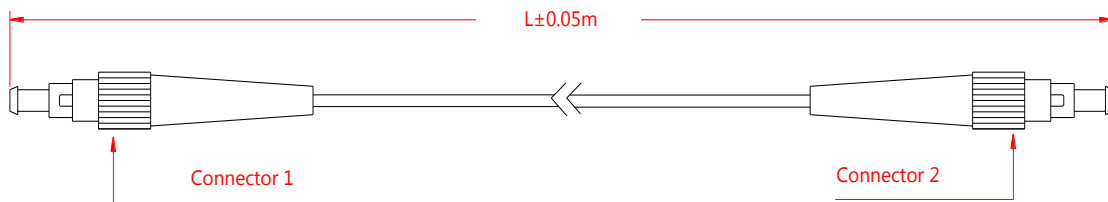


Optical Specification:

| Parameter | Symbol | Value | Unit |
|-----------------------|-----------|------------------------|-------|
| Center Wavelength | λ | 780 | nm |
| Typ. Insertion Loss | IL | 0.5 | dB |
| Max. Insertion Loss | IL | 0.8 | dB |
| Min. Return Loss | RL | 50 for UPC, 60 for APC | dB |
| Min. Plug Times | | 1000 | Times |
| Fiber Type | | HI 780 fiber | - |
| Tensile Load | | 5 | N |
| Max. Optical Power | P | 500 | mW |
| Operating Temperature | T | -40~75 | °C |
| Storage Temperature | T | -40~85 | °C |

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

Drawing:



Ordering Information (Part Number):

| SMFP- WWW - J - LL - CC - CC | | | | |
|---|----------------------|--------------|-------------|-------------|
| WWW | J | LL | CC | CC |
| Wavelength | Fiber Jacket | Fiber Length | Connector 1 | Connector 2 |
| 760 - 760nm | 9 - 900um Loose Tube | 05 - 0.5m | FA - FC/APC | FA - FC/APC |
| 780 - 780nm | 2 - 2.0mm Loose Tube | 10 - 1.0m | FU - FC/UPC | FU - FC/UPC |
| 785 - 785nm | 3 - 3.0mm Loose Tube | 15 - 1.5m | SA - SC/APC | SA - SC/APC |
| 790 - 790nm | A - Armored | 20 - 2.0m | SU - SC/UPC | SU - SC/UPC |
| 793 - 793nm | | 30 - 3.0m | LA - LC/APC | LA - LC/APC |
| | | SS - Specify | LU - LC/UPC | LU - LC/UPC |
| | | | ST - ST/UPC | ST - ST/UPC |