

## 2000nm SM Fiber Patchcord

2000nm SM Fiber Patchcord is built with SM fiber, it's widely used in Fiber Communication, Fiber Optic Sensor, Optical Testing System, the termination connector can be FC, SC, LC, ST, the jacket diameter can be 0.9, 2.0, 3.0mm or armoured type.

### Application:

Fiber Communication  
Fiber Optic Sensor  
Testing System  
Lab And Research

### Features:

Low Insertion Loss  
High Return Loss  
High Quality Ferrule  
High Reliability

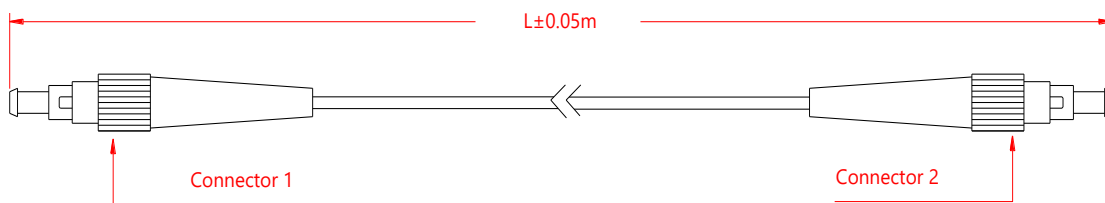


### Optical Specification:

| Parameter             | Symbol    | Value                    | Unit |
|-----------------------|-----------|--------------------------|------|
| Center Wavelength     | $\lambda$ | 2000                     | nm   |
| Typ. Insertion Loss   | IL        | 0.3                      | dB   |
| Max. Insertion Loss   | IL        | 0.5                      | dB   |
| Min. Return Loss      | RL        | 50 for UPC, 60 for APC   | dB   |
| Fiber Type            |           | SM 1950 or SMF-28e fiber | -    |
| Tensile Load          |           | 5                        | N    |
| Max. Optical Power    | P         | 500                      | 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.

### Drawing:



### Ordering Information (Part Number):

| SMFP- <b>WWW</b> - <b>FF</b> - <b>J</b> - <b>LL</b> - <b>CC</b> - <b>CC</b> |              |                      |              |              |              |
|-----------------------------------------------------------------------------|--------------|----------------------|--------------|--------------|--------------|
| <b>WWW</b>                                                                  | <b>FF</b>    | <b>J</b>             | <b>LL</b>    | <b>CC</b>    | <b>CC</b>    |
| Wavelength                                                                  | Fiber Type   | Fiber Jacket         | Fiber Length | Connector 1  | Connector 2  |
| 1900 - 1900nm                                                               | S1 - SM 1950 | B - Bare Fiber       | 05 - 0.5m    | FA - FC/APC  | NE - None    |
| 1940 - 1940nm                                                               | S2 - SMF-28e | 9 - 900um Loose Tube | 10 - 1.0m    | FU - FC/UPC  | FA - FC/APC  |
| 1950 - 1950nm                                                               |              | 2 - 2.0mm Loose Tube | 15 - 1.5m    | SA - SC/APC  | FU - FC/UPC  |
| 2000 - 2000nm                                                               |              | 3 - 3.0mm Loose Tube | 20 - 2.0m    | SU - SC/UPC  | SA - SC/APC  |
| 2050 - 2050nm                                                               |              | A - Armoured Cable   | 30 - 3.0m    | LA - LC/APC  | SU - SC/UPC  |
| 2100 - 2100nm                                                               |              |                      | SS - Specify | LU - LC/UPC  | LA - LC/APC  |
| 2200 - 2200nm                                                               |              |                      |              | SS - Specify | LU - LC/UPC  |
| SSSS - Specify                                                              |              |                      |              |              | SS - Specify |