

## 1550nm SM Fiber Patchcord

1550nm 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

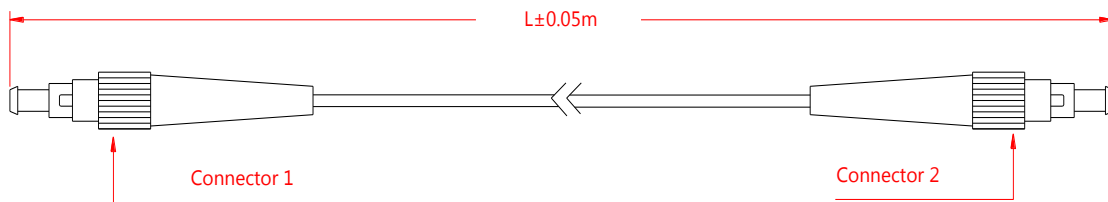


### Optical Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	$\lambda$	1550	nm
Typ. Insertion Loss	IL	0.3	dB
Max. Insertion Loss	IL	0.5	dB
Min. Return Loss	RL	55 for UPC, 60 for APC	dB
Min. Plug Times		1000	Times
Fiber Type		SMF-28e 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- <b>WWW</b> - <b>J</b> - <b>LL</b> - <b>CC</b> - <b>CC</b>				
<b>WWW</b>	<b>J</b>	<b>LL</b>	<b>CC</b>	<b>CC</b>
Wavelength	Fiber Jacket	Fiber Length	Connector 1	Connector 2
1310 - 1310nm	9 - 900um Loose Tube	05 - 0.5m	FA - FC/APC	FA - FC/APC
1480 - 1480nm	2 - 2.0mm Loose Tube	10 - 1.0m	FU - FC/UPC	FU - FC/UPC
1550 - 1550nm	3 - 3.0mm Loose Tube	15 - 1.5m	SA - SC/APC	SA - SC/APC
1625 - 1625nm	A - Armored	20 - 2.0m	SU - SC/UPC	SU - SC/UPC
1650 - 1650nm		30 - 3.0m	LA - LC/APC	LA - LC/APC
		SS - Specify	LU - LC/UPC	LU - LC/UPC
			ST - ST/UPC	ST - ST/UPC