

Fiber Patch Cord Spec



A fiber Patch Cord is a connector plug installed at both ends of the fiber optic cable to enable optical connection, and a plug at one end is called a tail fiber. Optical Fiber Patch Cord/Cable is similar to coaxial cables, but does not have a mesh shield. The center is the glass core of light propagation.

Features

- Low Insertion Loss
- High Return Loss
- Good Mechanics
- High Stability and Reliability



Application

- FTTH / CATV System
- The Field of Optical Communication
- Optical Transmission System
- Equipment Tester

Performance Specifications

Parameters	Unit	FC, SC, LC				ST, MU		MTRJ	
		SM		MM		SM	MM	SM	MM
		UPC	APC	UPC	APC	UPC	UPC	UPC	UPC
Operating Wavelength	nm	1310,1550		850,1300		1310,1550	850,1300	1310,1550	850,1300
Insertion Loss	dB	≤0.3	≤0.3	≤0.3		≤0.3	≤0.3	≤0.3	≤0.3
Return Loss	dB	≥55	≥60	≥35		≥50	≥35	≥50	≥35
Repeatability	dB					≤0.1			
Interchangeability	dB					≤0.2			
Number of times of plug and pull	Times					≥1000			
Operating Temperature	°C					-10~+70			
Storage Temperature	°C					-40~+85			

Core Technical Parameters

Mode	Single Mode	Multi Mode
Length	10.50±0.05mm	10.50±0.05mm
Outer Diameter	2.4990±0.0005mm	2.4990±0.0005mm
Inner diameter	0.125±0.001/-0mm	0.126-0.129mm
Concentricity	≤1.0	≤4.0

Order information:

JUMP (Jumper) PN: JUMP-XXXXXXX-XX (JUMP+7 Code+2 Serial Number)

JUMP	XX	XX	X	X	X	XX			
A-side Connector		B-side Connector		Fiber Type	Fiber Jacket	Fiber Length			
SU	SC/UPC	NC	none	0	G652D	0	250um Bare Fiber	0	0.5m
SA	SC/APC	SU	SC/UPC	1	G657A1	1	0.9mm Loose	1	1.0m
FU	FC/UPC	SA	SC/APC	2	G657A2	2	2.0mm Loose	2	1.5m
FA	FC/APC	FU	FC/UPC	3	G657B3	3	3.0mm Loose	3	2.0m
LU	LC/UPC	FA	FC/APC	4	1310 PM	4	0.9mm Tight Tube	4	2.5m
LA	LC/APC	LU	LC/UPC	5	1550 PM	5	2.0mm Tight Tube	5	3.0m
ST	ST/UPC	LA	LC/APC	6	OM1	6	3.0mm Tight Tube	6	3.5m
E2	E2000	ST	ST/UPC	7	OM2	S	Special	7	0.7m
OS	Special	E2	E2000	8	OM3			8	1.2m
		OS	Special	9	OM4			9	2.7m
				S	Special	S	Special		

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