

## Conventional Patch Cords



### Application

- Data centers
- Ethernet applications
- FTTH applications
- Backbone, horizontal and riser applications
- Video, data and voice services
- Test equipment applications

### Features

- High precision connector
- UPC/APC end face polish
- LC, MU, SC, FC, ST, all single fiber connector
- Customized length available
- 100% factory terminated and tested
- ROHS Compliant

### Standard Compliance

- TIA/EIA 604 Series
- TIA/EIA 568.3-D
- IEC 61754 Series
- IEC 61753-1
- GR 326-Core

### General Specification

Constructions	Descriptions
Fiber Count	Simplex or Duplex

Information and specifications are subject to change without notice.  
Please visit [www.china-tscom.com](http://www.china-tscom.com) for more information

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Fiber Mode	Single mode: G.652/G657 Multimode: OM1, OM2, OM3, OM4
Fiber Brand	SMF-28® Ultra optical fiber Corning ClearCurve® multimode fiber
Cable Jacket Material	Low Smoke Zero Halogen (LSZH) PVC
Cable Jacket Ratings	Riser (OFNR) Plenum (OFNP)
Cable Jacket Color	G652/G657: Yellow OM1/OM2: Orange OM3: Aqua OM4: Aqua / Magenta or Customized
Polarity	A-A, A-B (TIA 568.3-D)
Connector type	FC/SC/LC/MU/ST/MTRJ/SMA etc
Endface polish	PC/UPC/APC
Operating Temperature	-20 °C ~ +70 °C
Storage Temperature	-40 °C ~ +85 °C

## Technical Specification

### Single-fiber connector Termination

Optical Properties	Singlemode	Multimode
Insertion Loss (dB) *	UPC $\leq$ 0.2; APC $\leq$ 0.3	PC $\leq$ 0.2
Return Loss (dB)	UPC $\geq$ 50; APC $\geq$ 65	PC $\geq$ 20
Wavelength (nm)	1310/1550	850/1300
Durability	$\leq$ 0.3(dB)typical change, 500 matings	

#### Note:

IL&RL Test method: IEC 61300-3-4 insertion.

## Typical Cable Construction

