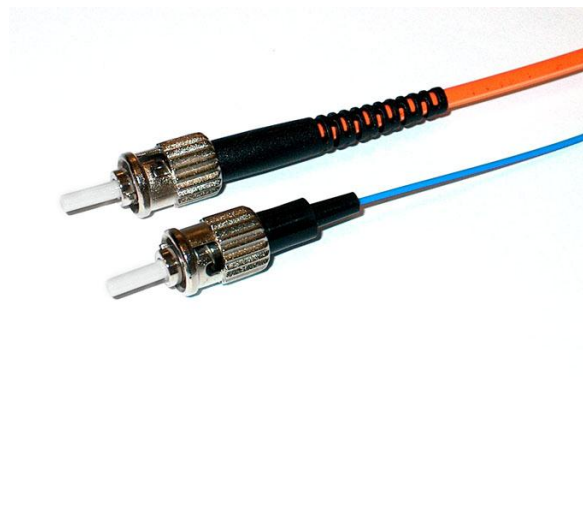


# ST Patchcord

## Description:

The ST connector type patchcords are offered for MM or SM applications with PC polishing method. Various boot color combinations allows to specify duplex straight or crossed interconnection cable and M5 (50/125  $\mu\text{m}$ ) or M6 (62.5/125  $\mu\text{m}$ ) fiber type.



## Features:

- Coupling nut radial track minimizes the rotation needed to mate the connector
- One piece body construction simplifies fields assembly
- Singlemode and multimode versions available
- Accommodates tight and loose tube buffer cables with jacket up to 3.1 mm
- Ceramic ferrules are configured for easy hand or machine "Ultra" Polishing
- Optional boot colors available
- Boot options for 3.0 mm and 900 micron breakout cable
- Universal dust cap (fits ST, SC, FC)

## Specifications:

Insertion loss (IL) (IEC 61300-3-4)	MM	SM Ultra PC
	0.15 dB typ	0.15 dB typ
Return loss (RL) (IEC 61300-3-6)	>30 dB	>50 dB
Strain relief	100 N	
Operating temperature	-40 °C to +80 °C*	
Durability	min 500 cycles	
Assembly procedure	glue and polish	
Connection	physical contact	
Lock mechanism	bayonet cap	
Standards	Bellcore GR-326, TIA 568A	
Ferrule material	full ceramic zirconia	
Connector material	zinc alloy, nickel plated, thermoplastic rubber	

Note: \*) Conditioned by the type of cable

## Application:

- LAN, WAN
- Measuring Technique
- Utilities
- Railways

**Ordering code:**

**AAA - XX XXX - XX - (XX)<sup>1</sup> - XXX**

AAA	
Connector Type	Connector Description
SL	ST/PC (MM)
USL	ST/UPC

**XX-color**

**XXX- length [m]**

**X - type (pigtail or jumper)**

- J** jumper
- PT** pigtail tight buffered, strip in one shot 0.5 - 2 cm
- PS** pigtail semitight, strip in one shot 5 – 10 cm
- PJ** pigtail loose tube - jelly filled
- PD** pigtail loose tube - dry

**XX<sup>2</sup> - diameter of cable, fiber**

**XXX - type of fiber**

- |                                       |                                             |
|---------------------------------------|---------------------------------------------|
| <b>09</b> fiber Ø 0.9 mm              | <b>OM1</b> MM 62.5/125 µm                   |
| <b>17</b> cable Ø 1.7 mm              | <b>OM2</b> MM 50/125 µm                     |
| <b>20</b> cable Ø 2.0 mm              | <b>OM3</b> MM 50/125 µm                     |
| <b>24</b> cable Ø 2.4 mm              | <b>S2D</b> SM 9/125 µm (G.652D)             |
| <b>28</b> cable Ø 2.8 mm              | <b>S5X<sup>3</sup></b> SM 9/125 µm (G.655X) |
| <b>30</b> cable Ø 3.0 mm              | <b>S7X<sup>3</sup></b> SM 9/125 µm (G.657X) |
| <b>D1</b> duplex minizip 1.8 x 3.5 mm |                                             |
| <b>D2</b> dualan cable Ø 2.9 mm       |                                             |
| <b>D3</b> duplex zipcord 2.0 x 4.2 mm |                                             |
| <b>D4</b> duplex zipcord 2.4 x 5.0 mm |                                             |
| <b>D8</b> duplex zipcord 2.8 x 5.5 mm |                                             |
| <b>RF</b> ribbon fiber                |                                             |
| <b>RC</b> ribbon cable                |                                             |

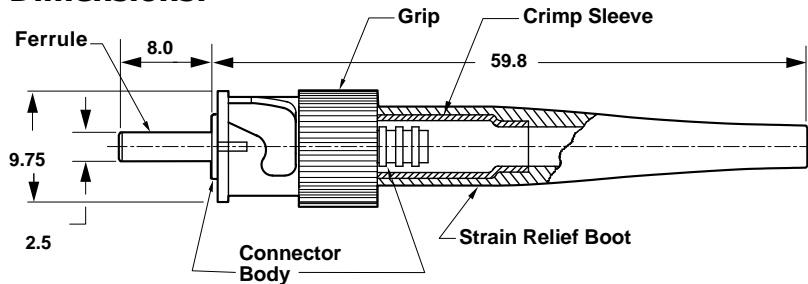
**Note:**

- 1) not filled when color is not defined – default colors will be used - SM-yellow, OM1-blue, OM2-green, OM3-turquoise
- 2) other cable type – on request
- 3) X – according fiber subtypes ( e.g. G.655C)

**Color Code:**

BK	BN	RD	OG	YE	GN	BU	VT	GY	WH	PK	TQ
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Turquoise

**Dimensions:**



**Samples:**

2xSL-D8 OM1-J-OG-000.5



SL-09 OM1-PT-001.5

