

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 μm) or M6 (62.5/125 μm) 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 0.15 dB typ	SM Ultra PC 0.15/0.25 dB typ/max
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)¹ - 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 < 10 cm

PS Semitight 20-30 cm in one shot

PD Pigtail easy strip > 100 cm

XX² - Diameter of cable, fiber

XXX - Type of fiber

09	Fiber Ø 0.9 mm	OM1	MM 62.5/125 µm
17	Cable Ø 1.7 mm	OM2	MM 50/125 µm
20	Cable Ø 2.0 mm	OM3	MM 50/125 µm
24	Cable Ø 2.4 mm	S2D	SM 9/125 µm (G.652D)
28	Cable Ø 2.8 mm	S7X³	SM 9/125 µm (G.657X)
30	Cable Ø 3.0 mm		
D1	Duplex minizip 1.8 x 3.5 mm		
D2	Dualan cable Ø 2.9 mm		
D3	Duplex zipcord 2.0 x 4.2 mm		
D4	Duplex zipcord 2.4 x 5.0 mm		
D8	Duplex zipcord 2.8 x 5.5 mm		
RF	Ribbon fiber		
RC	Ribbon cable		

Note:

1) Not filled when color is not defined – default colors will be used - SM-yellow, OM1-blue, OM2-green, OM3- turquoise

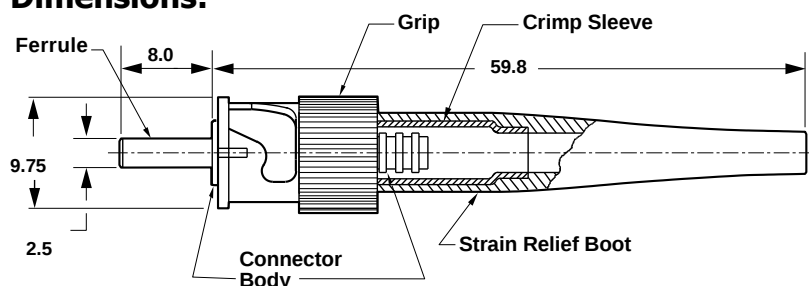
2) Other cable type – on request

3) **X** – According fiber subtypes (e.g. G.657A1)

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

