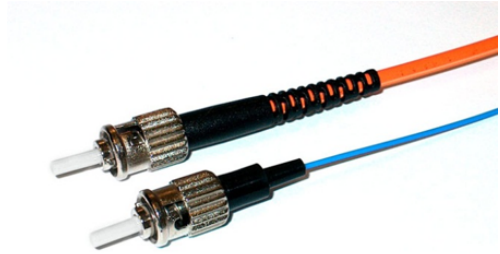


## ST Patchcord

### 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:



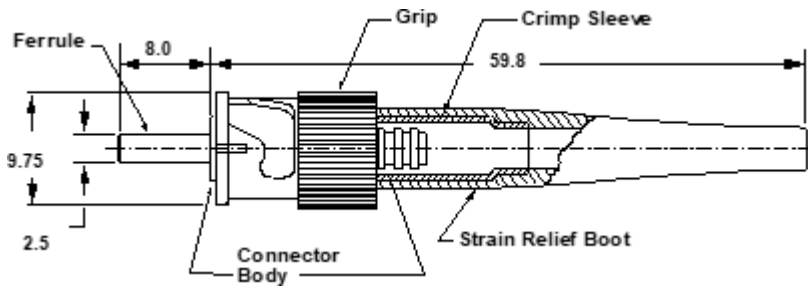
- Coupling nut radial track minimizes the rotation needed to mate the connector
- One piece body construction simplifies fields assembly
- Singlemode and multimode versions available
- Accommodates tight and loose tube buffer cables with jacket up to 3.1 mm
- Ceramic ferrules are configured for easy 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)<br>(IEC 61300-3-4) | MM  | SM Ultra PC          |
|  | 0.15 dB typ                                     | 0.15/0.25 dB typ/max |
| Return loss (RL)<br>(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

## Dimensions:



## Application:

- LAN, WAN
- Measuring Technique
- Utilities
- Railways

## Ordering Code:

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

| <b>Connector</b>   |   | <b>XX-color</b> | <b>XXX-length [m]</b> |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
|--|---|-----------------|-----------------------|--|---------------------|-----------|----------------|-----------|---|-----------|--------------------------------|-----------|-----------------------------|-----------|----------------|-----------|----------------|-----------|-----------------------------|-----------|-----------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|--------------|-----------|--------------|--|---------------------------|--|-------------------------|--|-------------------------|--|---------------------------------|--|---|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>SL</td> <td>ST/PC (MM)</td> </tr> <tr> <td>USL</td> <td>ST/UPC</td> </tr> </tbody> </table> | Type  | Description     | SL                    | ST/PC (MM)                                 | USL                 | ST/UPC    |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| Type   | Description   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| SL   | ST/PC (MM)  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| USL  | ST/UPC  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
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| 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   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
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| XX <sup>2</sup> - diameter of cable, fiber   | XXX - type of fiber   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <b>09</b>  | fiber Ø 0.9 mm  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <b>17</b>  | cable Ø 1.7 mm  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <b>20</b>  | cable Ø 2.0 mm  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <b>24</b>  | cable Ø 2.4 mm  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <b>28</b>  | cable Ø 2.8 mm  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <b>30</b>  | cable Ø 3.0 mm  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
| <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  |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
|  | <b>OM1</b> MM 62.5/125 µm   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
|  | <b>OM2</b> MM 50/125 µm   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
|  | <b>OM3</b> MM 50/125 µm   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
|  | <b>S2D</b> SM 9/125 µm (G.652D)   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |
|  | <b>S7X<sup>3</sup></b> SM 9/125 µm (G.657X)   |                 |                       |  |                     |           |                |           |   |           |                                |           |                             |           |                |           |                |           |                             |           |                       |           |                             |           |                             |           |                             |           |              |           |              |  |                           |  |                         |  |                         |  |                                 |  |   |

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.652D)