

## FO duplex patch cord ST - ST

E9/125 G.652.D OS2

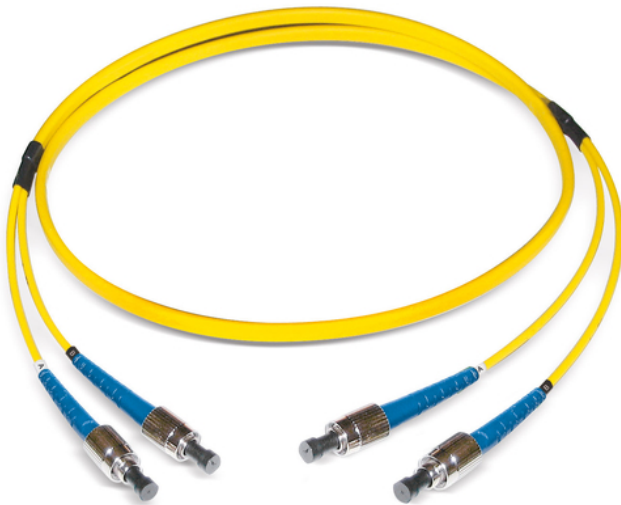


image similar

### DESCRIPTION

Datwyler offers a broad range of terminated connectors for individual customer needs.  
For all patch cords figure 0 cables with 4.8x3.2 mm are used.

### OPTICAL PROPERTIES

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Ferrule material:                 | Zirconia                                        |
| Lifetime:                         | 1000 connections with stable attenuation values |
| Reproducibility of the IL:        | maximal +/- 0.1dB                               |
| Testing method IL:                | IEC 61300-3-4                                   |
| Testing method RL:                | IEC 61300-3-6                                   |
| Connector type side A:            | ST                                              |
| IL typical, connector A:          | 0.12 dB                                         |
| IL maximal, connector A:          | 0.25 dB                                         |
| RL typical, connector A:          | 55 dB                                           |
| RL minimal, connector A:          | 50 dB                                           |
| Grade, connector A (better than): | B2                                              |
| Connector type side B:            | ST                                              |
| IL typical, connector B:          | 0.12 dB                                         |
| IL maximal, connector B:          | 0.25 dB                                         |
| RL typical, connector B:          | 55 dB                                           |
| RL minimal, connector B:          | 50 dB                                           |
| Grade, connector B (better than): | B2                                              |

### MECHANICAL PROPERTIES

|                                                                     |                        |
|---------------------------------------------------------------------|------------------------|
| Cable construction:                                                 | I-V(ZN)HH (4.8x3.2 mm) |
| Minimum bending radius:                                             | 50 mm                  |
| Connector cable retention:                                          | 100 N                  |
| Tensile load (IEC 60794-1-21 E1 0,33% reversible fibre elongation): | 200 N                  |
| Crush resistance (IEC 60794-1-21 E3, reversible fibre attenuation): | ≤ 0,2 dB               |
| Impact:                                                             | IEC 60794-1-21 E4      |
| Repeated bending:                                                   | IEC 60794-1-21 E6      |
| Bending (IEC 60794-1-21 E11, reversible fibre attenuation):         | ≤ 0,5 dB               |
| Torsion (IEC 60794-1-21 E7, reversible fibre attenuation):          | ≤ 0,1 dB               |
| Operating temperature:                                              | -10 °C - +60 °C        |

### VERSIONS

| Article No. | Product                                          | Sheath | Sheath colour | Length [m] |
|-------------|--------------------------------------------------|--------|---------------|------------|
| 422211      | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH   | yellow        | 1 m        |
| 422212      | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH   | yellow        | 2 m        |
| 422213      | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH   | yellow        | 3 m        |
| 422214      | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH   | yellow        | 4 m        |
| 422215      | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH   | yellow        | 5 m        |

As of 23.03.2021

Subject to technical modification.

**FO duplex patch cord ST - ST**  
E9/125 G.652.D OS2



|        |                                                  |      |        |      |
|--------|--------------------------------------------------|------|--------|------|
| 422216 | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH | yellow | 6 m  |
| 422217 | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH | yellow | 7 m  |
| 422218 | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH | yellow | 8 m  |
| 422219 | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH | yellow | 9 m  |
| 422220 | FO duplex patch cord ST - ST, E9/125 G.652.D OS2 | LSZH | yellow | 10 m |