

## FO duplex patch cord LCD - ST

E9/125 G.652.D OS2, Fig. 8

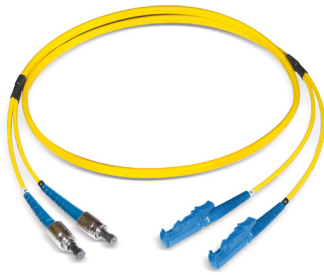


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### Description

Datwyler offers a broad range of terminated connectors for individual customer needs.

### Construction

|                     |                        |
|---------------------|------------------------|
| Cable               | Fig. 8                 |
| Cable construction  | I-V(ZN)H (4.1 x 2.0mm) |
| Outer sheath colour | yellow                 |

### General Properties

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -10 °C - +60 °C |
|-----------------------|-----------------|

### Optical Properties

|   |   |
|---|---|
| Connector type side A                     | LCD   |
| Connector type side B                     | ST  |
| Ferrule material                          | Zirconia  |
| Fibre type                                | E9/125 G.652.D OS2                              |
| Grade IEC61755, connector A (better than) | B2  |
| Grade IEC61755, connector B (better than) | B2  |
| IL maximal, connector A                   | 0.25 dB   |
| IL maximal, connector B                   | 0.25 dB   |
| IL typical, connector A                   | 0.12 dB   |
| IL typical, connector B                   | 0.12 dB   |
| Lifetime                                  | 1000 connections with stable attenuation values |
| Reproducibility of the IL                 | maximal +/- 0.1dB                               |
| RL minimal, connector A                   | 50 dB   |
| RL minimal, connector B                   | 50 dB   |
| RL typical, connector A                   | 55 dB   |
| RL typical, connector B                   | 55 dB   |
| Standard connector A                      | IEC 61754-20                                    |
| Standard connector B                      | IEC 61754-2                                     |

## Mechanical properties

|  |                   |
|--|-------------------|
| Bending (IEC 60794-1-21 E11, reversible fibre attenuation)         | ≤ 0,5 dB          |
| Connector cable retention  | 100 N             |
| Crush resistance (IEC 60794-1-21 E3, reversible fibre attenuation) | ≤ 0,2 dB          |
| Impact   | IEC 60794-1-21 E4 |
| Minimum bending radius   | 50 mm             |
| Repeated bending   | IEC 60794-1-21 E6 |
| Tensile load (IEC 60794-1-21 E1 0,33% reversible fibre elongation) | 200 N             |
| Torsion (IEC 60794-1-21 E7, reversible fibre attenuation)          | ≤ 0,1 dB          |

## Versions

| Material number | Product   | Length (m) | Weight [kg] |
|-----------------|---|------------|-------------|
| 42231108ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 |            | 0.02 kg     |
| 42232508ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 |            | 0 kg        |
| 42231208ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 1          | 0.03 kg     |
| 42231308ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 2          | 0.04 kg     |
| 42231408ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 3          | 0.05 kg     |
| 42231508ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 4          | 0.06 kg     |
| 42231608ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 5          | 0.06 kg     |
| 42231708ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 6          | 0.07 kg     |
| 42231808ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 7          | 0.08 kg     |
| 42231908ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 8          | 0.09 kg     |
| 42232008ZY      | FO duplex patch cord LCD - ST, E9/125 G.652.D OS2 | 9          | 0.1 kg      |

Subject to technical modification

As of 2021-08-06 10:13:22