

FO duplex patch cord ST - SCD/APC

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

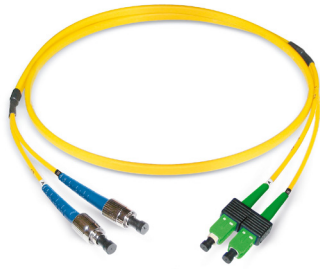


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Description

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 | ST |
| Connector type side B | SCD/APC |
| Ferrule material | Zirconia |
| Fibre type | E9/125 G.652.D OS2 |
| Grade IEC61755, connector A (better than) | B2 |
| Grade IEC61755, connector B (better than) | B1 |
| 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 | 65 dB |
| RL typical, connector A | 55 dB |
| RL typical, connector B | 70 dB |
| Standard connector A | IEC 61754-2 |
| Standard connector B | IEC 61754-4 |

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] |
|-----------------|---|------------|-------------|
| 42272308ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | | 0 kg |
| 42271108ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 1 | 0.03 kg |
| 42271208ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 2 | 0.03 kg |
| 42271308ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 3 | 0.04 kg |
| 42271408ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 4 | 0.05 kg |
| 42271508ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 5 | 0.06 kg |
| 42271608ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 6 | 0.07 kg |
| 42271708ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 7 | 0.07 kg |
| 42271808ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 8 | 0.08 kg |
| 42271908ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 9 | 0.09 kg |
| 42272008ZY | FO duplex patch cord ST - SCD/APC, E9/125 G.652.D OS2 | 10 | 0.1 kg |

Subject to technical modification

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