

FO duplex patch cord SCD - ST

G50/125 OM2



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.

General Properties

| | |
|-----------------------|------------------------|
| Cable construction | I-V(ZN)HH (4.8x3.2 mm) |
| Operating temperature | -10 °C - +60 °C |

Optical Properties

| | |
|----------------------------------|---|
| Ferrule material | Zirconia |
| Grade, connector A (better than) | Bm2m |
| Grade, connector B (better than) | Bm2m |
| IL maximal, connector A | 0.3 dB |
| IL maximal, connector B | 0.3 dB |
| IL typical, connector A | 0.15 dB |
| IL typical, connector B | 0.15 dB |
| Lifetime | 1000 connections with stable attenuation values |
| Reproducibility of the IL | maximal +/- 0.1dB |
| RL minimal, connector A | 30 dB |
| RL minimal, connector B | 30 dB |
| RL typical, connector A | 35 dB |
| RL typical, connector B | 35 dB |
| Standard connector A | IEC 61754-4 |
| 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 | Outer sheath colour | Length (m) | Weight [kg] |
|-----------------|--|---------------------|------------|-------------|
| 421251 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 1 | 0.05 kg |
| 421252 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 2 | 0.06 kg |
| 421253 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 3 | 0.12 kg |
| 421254 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 4 | 0.16 kg |
| 421255 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 5 | 0.19 kg |
| 421256 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 6 | 0.22 kg |
| 421257 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 7 | 0.26 kg |
| 421258 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 8 | 0.29 kg |
| 421259 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 9 | 0.31 kg |
| 421260 | FO duplex patch cord SCD - ST, G50/125 OM2 | orange | 10 | 0.36 kg |

Subject to technical modification

As of 2020-12-03 12:49:38