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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: | SCD |
| IL typical, connector A: | 0.15 dB |
| IL maximal, connector A: | 0.3 dB |
| RL typical, connector A: | 35 dB |
| RL minimal, connector A: | 30 dB |
| Grade, connector A (better than): | Bm2m |
| Connector type side B: | SCD |
| IL typical, connector B: | 0.15 dB |
| IL maximal, connector B: | 0.3 dB |
| RL typical, connector B: | 35 dB |
| RL minimal, connector B: | 30 dB |
| Grade, connector B (better than): | Bm2m |

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] |
|-------------|---|--------|---------------|------------|
| 421131 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 1 m |
| 421132 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 2 m |
| 421133 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 3 m |
| 421134 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 4 m |
| 421135 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 5 m |

FO duplex patch cord SCD - SCD
G50/125 OM3



| | | | | |
|--------|---|------|-----------|------|
| 421136 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 6 m |
| 421137 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 7 m |
| 421138 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 8 m |
| 421139 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 9 m |
| 421140 | FO duplex patch cord SCD - SCD, G50/125 OM3 | LSZH | turquoise | 10 m |