

FO simplex patch cord LC/PC - LC/PC



Description

Datwyler offers a broad range of terminated connectors for individual customer needs.
For all simplex patch cords cables with 1.8 mm are used.

Construction

| | |
|--------------------|----------|
| Cable | Simplex |
| Cable construction | I-V(ZN)H |

General properties

| | |
|-----------------------|-----------------|
| Operating temperature | -10 °C - +60 °C |
| Outer sheath colour | yellow |
| Outer sheath material | FRNC/LSZH |

Optical Properties

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

Mechanical properties

| | |
|--|-------------------|
| Bending (IEC 60794-1-21 E11, reversible fibre attenuation) | ≤ 0,5 dB |
| Connector cable retention | 70 N |
| Crush resistance (IEC 60794-1-21 E3, reversible fibre attenuation) | ≤ 0,2 dB |
| Housing colour connector A | blue |
| Housing colour connector B | blue |
| 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] | Packing unit | GTIN / EAN |
|-----------------|-------------------------------------|------------|-------------|--------------|----------------|
| 42287000ZY | FO simplex patch cord LC/PC - LC/PC | 1 | 0.02 kg | 1 pc. | 40393910210217 |
| 42287100ZY | FO simplex patch cord LC/PC - LC/PC | 2 | 0.03 kg | 1 pc. | 40393910210200 |
| 42287200ZY | FO simplex patch cord LC/PC - LC/PC | 3 | 0.04 kg | 1 pc. | 40393910210194 |
| 42287300ZY | FO simplex patch cord LC/PC - LC/PC | 4 | 0.06 kg | 1 pc. | 40393910210187 |
| 42287400ZY | FO simplex patch cord LC/PC - LC/PC | 5 | 0.07 kg | 1 pc. | 40393910210170 |
| 42287500ZY | FO simplex patch cord LC/PC - LC/PC | 6 | 0.08 kg | 1 pc. | 40393910210163 |
| 42287600ZY | FO simplex patch cord LC/PC - LC/PC | 7 | 0.1 kg | 1 pc. | 40393910210156 |
| 42287700ZY | FO simplex patch cord LC/PC - LC/PC | 8 | 0.11 kg | 1 pc. | 40393910210149 |
| 42287800ZY | FO simplex patch cord LC/PC - LC/PC | 9 | 0.12 kg | 1 pc. | 40393910210132 |
| 42287900ZY | FO simplex patch cord LC/PC - LC/PC | 10 | 0.13 kg | 1 pc. | 40393910210125 |
| 42288000ZY | FO simplex patch cord LC/PC - LC/PC | | | 1 pc. | 40393910210118 |

