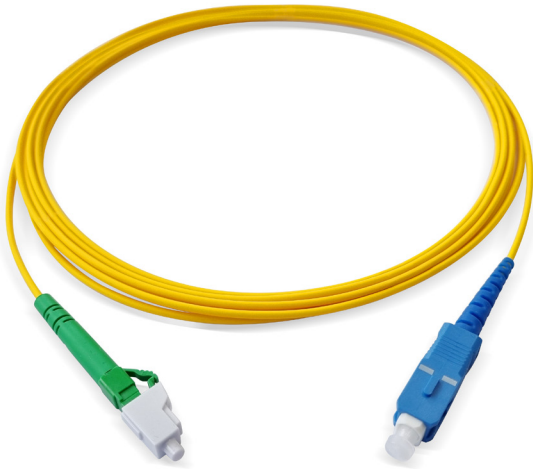


FO simplex patch cord LC/APC - SC/PC, E9/125 G.652.D BLO



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) | better than B2 |
| Grade IEC61755, connector B (better than) | 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/APC |
| 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 | SC/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 | green |
| 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 |
|-----------------|--------------------------------------|------------|-------------|--------------|----------------|
| 42293000ZY | FO simplex patch cord LC/APC - SC/PC | 1 | 0.02 kg | 1 pc. | 40393910209884 |
| 42293100ZY | FO simplex patch cord LC/APC - SC/PC | 2 | 0.03 kg | 1 pc. | 40393910209877 |
| 42293200ZY | FO simplex patch cord LC/APC - SC/PC | 3 | 0.04 kg | 1 pc. | 40393910209860 |
| 42293300ZY | FO simplex patch cord LC/APC - SC/PC | 4 | 0.06 kg | 1 pc. | 40393910209853 |
| 42293400ZY | FO simplex patch cord LC/APC - SC/PC | 5 | 0.07 kg | 1 pc. | 40393910209846 |
| 42293500ZY | FO simplex patch cord LC/APC - SC/PC | 6 | 0.08 kg | 1 pc. | 40393910209839 |
| 42293600ZY | FO simplex patch cord LC/APC - SC/PC | 7 | 0.1 kg | 1 pc. | 40393910209822 |
| 42293700ZY | FO simplex patch cord LC/APC - SC/PC | 8 | 0.11 kg | 1 pc. | 40393910209815 |
| 42293800ZY | FO simplex patch cord LC/APC - SC/PC | 9 | 0.12 kg | 1 pc. | 40393910209808 |
| 42293900ZY | FO simplex patch cord LC/APC - SC/PC | 10 | 0.13 kg | 1 pc. | 40393910209792 |
| 42294000ZY | FO simplex patch cord LC/APC - SC/PC | | | 1 pc. | 40393910209785 |

