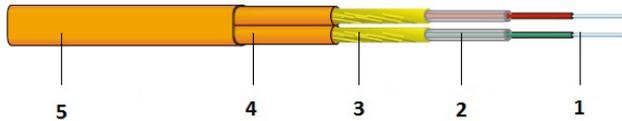


FO Indoor Duplex / I-V(ZN)HH

2.8 mm, LS0H, Euroclass Dca

Semi-tight buffer

flame retardant - IEC 60332.1



- 1 Fibre
- 2 Semi-tight buffer
- 3 Aramid yarn
- 4 Single-fibre cable: 2.8 mm
- 5 LS0H sheath



Description

Robust and flexible fibre optic Duplex cable, based on 2 single-fibre cables 2.8 mm with semi tight buffer 0.9 mm in a common sheath.

Easy handling, easy to strip off.

Flame retardant halogen-free LS0H sheath.

Low fire load.

Application

Suitable for patch cables between terminal distributors and/or end devices.

For direct termination with connectors.

Can also be spliced in terminal distributors.

Construction

| | |
|-----------------------|-----------|
| Outer sheath material | FRNC/LSZH |
|-----------------------|-----------|

General properties

| | |
|--------------------------|---|
| Maximum number of fibres | 2 |
| Installation temperature | -10 °C - +50 °C |
| Operating temperature | -20 °C - +60 °C |
| Imprint | DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks» |
| Field of application | Indoor |

Standards

| | |
|---------------------------------|--|
| Tensile performance | IEC 60794-1-21 E1 |
| Crush resistance | IEC 60794-1-21 E3 |
| Impact | IEC 60794-1-21 E4 |
| Repeated bending | IEC 60794-1-21 E6 |
| Torsion | IEC 60794-1-21 E7 |
| Bend | IEC 60794-1-21 E11 |
| Temperature cycling | IEC 60794-1-22 F1 |
| Reaction to fire | EN 13501-6 |
| Euroclass | D _{ca} |
| Smoke density | IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2 |
| Zero halogen no corrosive gases | IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2 |
| Flame propagation | IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2, SEV TP 20B/3C 3.4.1.1 |

Versions

| Material number | Product | Reaction to fire | Outer sheath colour | Fibre type | Fibre category | Outer sheath diameter [mm] | Bending radius [mm] | Weight [kg/km] | Tensile load [N] | Crush resistance short term [N] | Fire load [kWh/m] | Packing unit | GTIN / EAN |
|-----------------|------------------|------------------|---------------------|--------------------------|----------------|----------------------------|---------------------|----------------|------------------|---------------------------------|-------------------|--------------|------------|
| 19209502DZ | FO Indoor Duplex | Dca-s2,d2,a1 | green | E9/125 G.652.D OS2 | OS2 | 6.6 | 70 | 26 | 200 | 3,000 | 0.12 | by the metre | |
| 19209802DZ | FO Indoor Duplex | Dca-s2,d2,a1 | turquoise | G50/125 OM3 | OM3 | 6.6 | 70 | 26 | 200 | 3,000 | 0.12 | by the metre | |

Subject to technical modification

As of 2024-06-27 11:35:19