

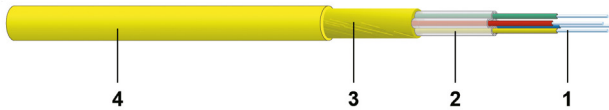
FO Indoor FTTH STB / I-V(ZN)H

2.8 mm, LS0H, Euroclass Dca

Semi-tight buffer

flame retardant - IEC 60332.1

in accordance with IEC 60794-2-20



- 1 Fibre
- 2 Semi-tight buffer: 600 µm
- 3 Aramid yarn
- 4 LS0H sheath



Description

Easy to handle fibre optic cable with 4 optical fibres.
 Very small outer diameter (2.8 mm) due to innovative construction with 0.6 mm semi-tight buffers.
 Flame retardant halogen-free LS0H sheath. Very low fire load.
 Robust sheath for easy installation into tube systems occupied by other cables.

Application

Indoor cabling for Fibre to the Home (FTTH) applications.
 Indoor cabling for data network and building automation applications.
 Connection cable between building entry point (BEP) and FO data outlet.
 Suitable for laying in cable trays, ducts and vertical shafts.
 For direct termination with FO connectors. Suitable for splicing.

Construction

Outer sheath material	FRNC/LSZH
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General Properties

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

Mechanical properties

Minimum number of impacts	IEC 60794-1-21 E4
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Standards

Tensile performance	IEC 60794-1-21 E4
Crush resistance	IEC 60794-1-21 E6
Impact	IEC 60794-1-21 E7
Repeated bending	IEC 60794-1-21 E11
Reaction to fire (Euroclasses)	EN 13501-6
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
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

Versions

Material number	Product	Reaction To Fire	Outer sheath colour	Fibre type	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg/km]	Tensile load [N]	Crush resistance short term [N]	Fire load [kWh/m]	Packing unit
19341000DZ	FO Indoor FTTH 2,8, 4x1	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	2.8	25	8	400	500	0.043	by the metre
19440500DZ	FO Indoor FTTH 2,8, LSOH 4x1	Dca-s2,d1,a1	heather violet	G50/125 OM4	2.8	25	8	400	500	0.043	by the metre

Subject to technical modification

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