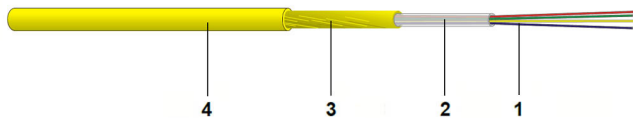


FO Indoor FTTH / I-M(ZN)H

2.2 mm, LS0H, Euroclass Dca

Coating buffer, flame retardant
in accordance with IEC 60794-2-20



- 1 Fibres
- 2 Coating buffer
- 3 Aramid yarn
- 4 FR/LS0H sheath



Description

Easy to handle fibre optic cable with 4 optical fibres.
Very small outer diameter (2.2 mm) due to innovative coating buffer.
Flame retardant halogen-free FR/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.
Can be spliced in wall mounted distribution boxes and in FO data outlets.

General properties

Field of application	Indoor
Maximum number of fibres	4
Installation temperature	-10 °C - +50 °C
Storage temperature	-20 °C - +60 °C
Operating temperature	-20 °C - +60 °C
Outer sheath material	FRNC/LSZH
Imprint	DATWYLER «cable type» «Datwyler designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»

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 (Euroclasses)	EN 13501-6: D _{ca}
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	GTIN / EAN
19455003DZ	FO Indoor FTTH 2.2,1x4	Dca-s2,d1,a2	yellow	E9/125 G.652.D BLO	2.2	25	6	400	500	0.023	by the metre	

Subject to technical modification

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