![DATWYLER logo]

FO Indoor FTTH DLT / J-B(ZN)H, B2$_{ca}$

up to 4 fibres, FRNC/LSZH sheath, Euroclass B2$_{ca}$

metall-free, gel-free loose tube, flame retardant

1 Fibres
2 Loose tube
3 Aramid yarn
4 FR/LS0H sheath

Description

Easy to handle fibre optic cable with up to 4 optical fibres.
Very small outer diameter (2.2 mm).
Dry loose tube (DLT) for easy removal. No more fibre cleaning necessary.
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.

Construction

Tube colour(s)	red
Outer sheath material	FRNC/LSZH

General properties

Maximum number of fibres	4
Standard delivery length [m]	1,000 m
Installation temperature	-10 °C - +50 °C
Storage temperature	-20 °C - +60 °C
Operating temperature	-20 °C - +60 °C
Imprint	DATWYLER FO Indoor FTTH DLT / J-B(ZN)H «No. of fibres» «Fibre type» «Batch no.» B2$_{ca}$-s1a,d1,a1 MADE IN SWITZERLAND «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	$B2_{ca}$
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

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]	Crush resistance continu-ous [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19733300BZ	FO Indoor FTTH DLT 1x2	B2ca-s1a,d1,a1	yellow	E9/125 G.652.D BLO	OS2	2.2	20	5	400	500	200	0.021	by the metre	
19727700BZ	FO Indoor FTTH DLT 1x4	B2ca-s1a,d1,a1	yellow	E9/125 G.652.D BLO	OS2	2.2	20	5.1	400	500	200	0.021	by the metre	

Subject to technical modification

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