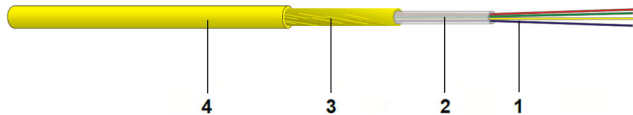


FO Indoor FTTH / I-M(ZN)H

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.

Construction

Outer sheath material FRNC/LSZH

General Properties

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

Mechanical properties

Minimum number of impacts IEC 60794-1-21 E4

Standards

Tensile performance	IEC 60794-1-21 E1
Crush resistance	IEC 60794-1-21 E3A
Impact	IEC 60794-1-21 E4
Repeated bending	IEC 60794-1-21 E6
Torsion	IEC 60794-1-21 E7
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
19455000DZ	FO Indoor FTTH 2,2,1x4	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	2.2	25	6	400	500	0.023	by the metre

Subject to technical modification

As of 2021-01-08 08:33:33