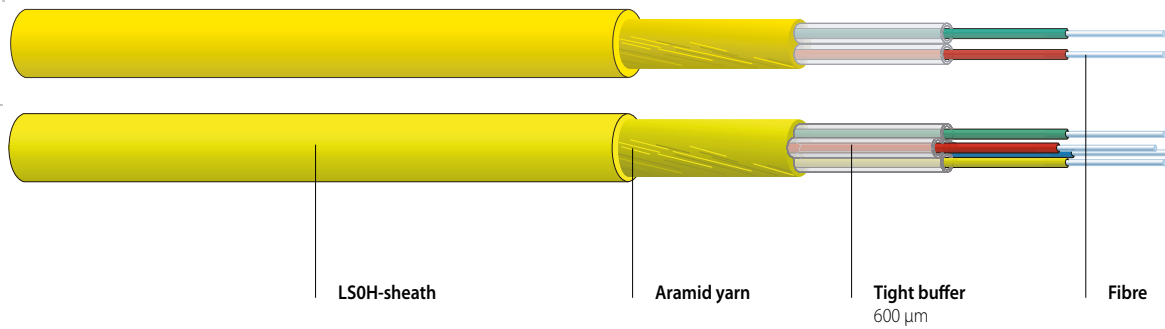


FIBRE OPTIC INDOOR CABLES
FO Indoor FTTH TB / I-V(ZN)H
2.8 mm, LS0H

Tight buffer
 flame retardant - IEC 60332.1
 in accordance with IEC 60794-2-20



PRODUCT INFORMATION



FEATURES

Easy handling fibre optic cable with 2 or 4 optical fibres.
 Very small outer diameter (2.8 mm) due to innovative construction with 0.6 mm tight buffer.
 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.

OPTICAL CHARACTERISTICS

The cables are available with the ITU G.657.A1 optical fibre.

MECHANICAL CHARACTERISTICS

Temperature range in operation: -20 / +60°C IEC 60794-1-2 F1
 Tensile performance: IEC 60794-1-2 E1
 Crush resistance: IEC 60794-1-2 E3
 Impact: IEC 60794-1-2 E4
 Repeated bending: IEC 60794-1-2 E6
 Torsion: IEC 60794-1-2 E7
 Bend: IEC 60794-1-2 E11

GENERAL CHARACTERISTICS

Sheath colour: yellow, RAL 1021
 Imprint: DATWYLER «cable type» «Datwyler designation» «DIN designation»
 «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»

- Zero halogen, non corrosive gases IEC 60754-1/-2, EN 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2
- Flame retardant IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
- Minimum smoke emission IEC 61034-1/-2, EN 61034-1/-2 (EN 50268-1/-2), VDE 0482-1034-1/-2 (VDE 0482-268-1/-2)

Description	Sheath Ø	Weight	Bending radius	Tensile load	Crush resistance	Fire load
I-V(ZN)H	mm	kg/km	mm	N	short term N	kWh/km
FO Indoor FTTH 2.8, LS0H 2 x 1	2.8	7.5	25	400	500	41
FO Indoor FTTH 2.8, LS0H 4 x 1	2.8	8.0	25	400	500	43

VERSIONS

I-V(ZN)H	Fibres	Article No.
Description	number	ITU G.657 .A1
FO Indoor FTTH 2.8, LS0H 2 x 1	2	191803
FO Indoor FTTH 2.8, LS0H 4 x 1	4	191802