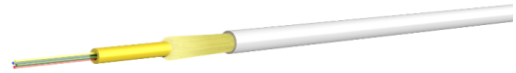


FIBER OPTIC CABLE FTTH Cable LSFH 2 Fibers

Description

02-... /MH(ZN)H-...23_DTAG

- Metal free indoor cable
- Strain relieved with aramide yarn
- Tube can be stripped up to 2m in one piece
- Dry cable construction
- Tight bending radii
- Low smoke, halogen free and self-extinguishing
- TS 0311-96, part 9



Available Types

Fiber count: 2 Fibers

Type of Fiber

E9/125A2 according to IEC 60793-2-50 Typ B6_a2 + ITU G.657.A2

Standard Colours

Fiber: E9A2: according to colour code
 Tube: Yellow
 Jacket (outer): White

Technical data

Construction

Description / Material	Size	Options / Notice
2 Optical fiber	250 µm	Fiber type, colour
1 Multi-fiber loose tube 2 fibers	1.25 mm	Colour, dry
Reinforcement / aramide yarn		
Outer jacket / flame retardant (LSFH)	2.3 mm	Colour, inscription

Mechanical data

Characteristics	Conditions	Tested acc. to	Values
Weight			5.2 kg/km
Tensile strength	During installation In service	IEC 60794-1-21 E1	400 N 200 N
Minimal bending radius	During installation In service	IEC 60794-1-21 E11	10 mm 10 mm
Crush resistance	During installation In service	IEC 60794-1-21 E3	500 N/dm 300 N/dm
Impact resistance	W _p = 2.25 J	IEC 60794-1-21 E4	3 impacts
Repeated bending	Radius = 30mm	IEC 60794-1-21 E6	500 cycles
Blow-in		acc. DTAG	Pass

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Environmental Data

Characteristics	Conditions	Tested acc. to	Values
Temperature range	During installation In service In storage	IEC 60794-1-22 F1	-5 °C up to +50°C -10 °C up to +60°C -25 °C up to +70°C
Fire load			0.09 MJ/m
Fire propagation	On a vertical single cable	IEC 60332-1-2	passed
Fire Test: smoke density	Jacket material	IEC 61034-2	passed
Fire Test: halogen acid gas	Jacket material	IEC 60754-1	halogen free
Fire Test: degree of acidity	Jacket material	IEC 60754-2	passed
2011/65/EC (RoHS) – including 2015/863 and 2017/2102			compliant
(EU) No 305/2011 (CPR)		EN 50575	B2ca-s1a,d0,a1

Spezifikation für Singlemode at 1310nm/1550nm

Comment

Gemäss TS 0311-96, Teil 9 für einblasen, einzieh- und verlegbare Glasfaserinnenkabel für FTTH.
According to TS 0311-96, Teil 9 for blow-in, pull-in and lay-in fiber optic indoor cables for FTTH.

Einsetzbar als einblasbares Verlegekabel und als Verlegekabel für Aufputz- und Unterputzinstallationen.
Can be used as a blowable installation cable and as an installation cable for surface-mounted and flush-mounted installations.

Stripping size:
Outer jacket: AWG 18 (1.00mm)
Tube jacket: AWG 26 (0.40mm)

Recommended Multi-Wire Stripper:
RIPLEY Cutter 821
26-16 AWG (0.40 – 1.3mm)
Part No: 80568