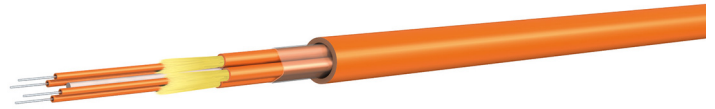


FIBER OPTIC CABLE Breakout Cable LSFH

Description

04-.../CWJSNH-...20

- Metal free indoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relief
- Ripcord for easy jacked removal
- Low smoke, halogen free and self-extinguishing
- Cable with improved fire performance
- For Smartline application



Available Types

Fiber count: 2 up to 4 Fibers

Type of Fiber

E9/125	according to IEC 60793-2-50 Typ B1.3 + ITU G.652.D
G50/125-OM2	according to IEC 60793-2-10 Typ A1a + ITU G.651
G50/125-OM3	according to IEC 60793-2-10 A1a2 + ITU G.651 BendOptimized
G50/125-OM4	according to IEC 60793-2-10 A1a3 + ITU G.651 BendOptimized
G62.5/125-OM1	according to IEC 60793-2-10 A1b

Standard Colours

Fiber:	Transparent
Tube:	E9: YE, G50: OG, G62: BU, OM3: TQ, OM4: HV
Jacket (inner):	Numbered, E9: YE, G50 and G62: OG, OM3: TQ, OM4:HV
Jacket (outer):	E9: YE, G50 and G62: OG, OM3: TQ, OM4: HV

Technical Data

Construction

Description / Material	Size	Options / Notice
4 Optical fiber	245 µm	Fiber type, colour
4 Semi-tight tube	0.9 mm	Colour, jelly-filled
Reinforcement / aramide yarn		
4 Single fiber cables	2 mm	Colour, inscription
1 Separating tape and 1 ripcord		
Outer jacket / PE flame retardant	7 mm	Colour, inscription

Mechanical Data

Characteristics	Conditions	Tested acc. to	Values
Weight			49 kg/km
Tensile strength	During installation In service	IEC 60794-1-21 E1	1200 N 4 x 100 N
Minimal bending radius	During installation In service	IEC 60794-1-21 E11	100 mm 70 mm
Crush resistance	Short-term Long-term	IEC 60794-1-21 E3	7500 N/dm 2000 N/dm
Impact resistance	Wp = 2.21 J	IEC 60794-1-21 E4	50 impacts
Torsion	Angle = ±360° / Length = 1000 mm weight = 2kg	IEC 60794-1-21 E7	25000 cycles

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Environmental Data

Characteristics	Conditions	Tested acc. to	Values
Temperature range	During installation In service In storage	IEC 60794-1-22 F12	-10 °C up to +60°C -25 °C up to +70°C -40 °C up to +60°C
Fire load			1 MJ/m
Fire propagation	On a vertical single cable On a vertical cable bundle	IEC 60332-1-2 IEC 60332-3-24	passed passed
Fire Test: smoke density Fire Test: halogen acid gas Fire Test: degree of acidity	Jacket material Jacket material Jacket material	IEC 61034-2 IEC 60754-1 IEC 60754-2	passed halogen free passed
2011/65/EU (RoHS - including 2015/863 and 2017/2102)			compliant
(EU) No 305/2011 (CPR)		EN50575	Dca-s1a,d0,a1

Specification for singlemode at 1550nm, for multimode at 1300nm

Comment

DNV GL Type approved

DNV GL Certificate no.: TAE000010R

Fire propagation on a vertical cable bundle according to IEC 60332-3-22 passed