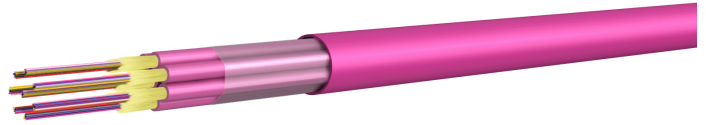


## FIBER OPTIC CABLE OptiPack Breakout Cable LSFH

### Description

96-12.../(ZN)SNH-...20#B

- Metal free indoor cable
- Strain relieved with aramide yarn
- Ripcord for easy jacked removal
- Low smoke, halogen free and self-extinguishing
- For Smartline application



### Available Types

Fiber count: 96 Fibers

#### Type of Fiber

E9/125

E9/125A2

G50/125-OM3

G50/125-OM4

According to IEC 60793-2-50 Typ B1.3 + ITU G.652.D + ITU G.657.A1  
according to IEC 60793-2-50 Typ B6\_a2 + ITU G.657.A2  
according to IEC 60793-2-10 A1a2 + ITU G.651 BendOptimized  
according to IEC 60793-2-10 A1a3 + ITU G.651 BendOptimized

#### Standard Colours

Fiber:

Jacket (inner):

Jacket (outer):

According to colour code

Numbered, E9: YE, G50 and G62: OG, OM3: TQ, OM4:HV

E9A2: YE, OM3: TQ and OM4: HV

### Technical Data

#### Construction

Description / Material	Size	Options / Notice
1 Strength member	3.4 mm	LSFH coated
96 Optical fiber	250 µm	Fiber type, colour
Reinforcement / aramide yarn		
8 Fiber bundle cables	2 mm	Colour, inscription
1 Bandage and 1 ripcord		
Outer jacket / flame retardant (LSFH)	9.6 mm	Colour, inscription

#### Mechanical Data

Characteristics	Conditions	Tested acc. to	Values
Weight			86 kg/km
Tensile strength	During installation In service	IEC 60794-1-21 E1	2000 N 8 x 100 N
Minimal bending radius	During installation In service	IEC 60794-1-21 E11	130 mm 90 mm
Crush resistance	Short-term Long-term	IEC 60794-1-21 E3	5000 N/dm 1000 N/dm
Impact resistance	Wp = 1 J	IEC 60794-1-21 E4	50 impacts
Kink resistance	Radius 25 mm	IEC 60794-1-21 E10	passed

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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 -20 °C up to +70°C -40 °C up to +70°C
Fire load			1.75 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/EU (RoHS - including 2015/863 and 2017/2102)			compliant
(EU) No 305/2011 (CPR)		EN50575	B2ca-s1a,d0,a1

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

### Comment

Fits multi fiber connectors (as MPO® / MTP®)