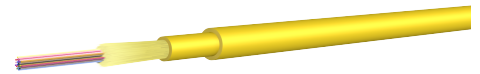


## FIBER OPTIC CABLE OptiPack Cable with 12 Fibers LSFH

### Description

12-...(ZN)HH-...20

- Metal free indoor cable
- Strain relieved with aramide yarn
- Tube can be stripped up to 1m in one piece
- Tight bending radii
- Low smoke, halogen free and self-extinguishing
- Jacket material according to UL 94V-0



### Available Types

Fiber count: 12 Fibers

#### Type of Fiber

E9/125A2

G50/125-OM3

G50/125-OM4

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

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

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

### Technical Data

#### Construction

Description / Material	Size	Options / Notice
12 Optical fiber	250 µm	Fiber type, colour
Reinforcement / aramide yarn		
1 Jacket / PE flame retardant	2 mm	Colour
2 Reinforcement / aramide yarn		
Outer jacket / PE flame retardant (LSFH)	4.3 mm	Colour, inscription

#### Mechanical Data

Characteristics	Conditions	Tested acc. to	Values
Weight			23 kg/km
Tensile strength	During installation In service	IEC 60794-1-21 E1	500 N 200 N
Minimal bending radius	During installation In service	IEC 60794-1-21 E11	15 mm 15 mm
Crush resistance	Short-term In service	IEC 60794-1-21 E3	2000 N/dm 100 N/dm
Impact resistance	Wp = 0.5 J	IEC 60794-1-21 E4	3 impacts
Kink resistance	Radius 10 mm	IEC 60794-1-21 E10	passed

## FIBER OPTIC CABLE OptiPack Cable with 12 Fibers LSFH

### Environmental Data

Characteristics	Conditions	Tested acc. to	Values
Temperature range	During installation In service In storage	IEC 60794-1-22 F1	-10 °C up to +50°C -25 °C up to +70°C -25 °C up to +70°C
Fire load			0.6 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)			compliant
(EU) No 305/2011 (CPR)		EN50575	Cca-s1a,d0,a1

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