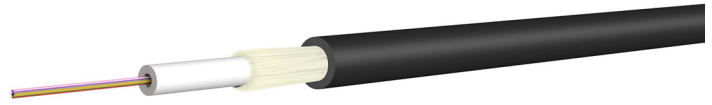


## FIBER OPTIC CABLE Jellyfree Cable LSFH

### Description

24-.../Q(ZNG)H-...70#C

- Metal free indoor and outdoor cable
- Rodent-protected, glass-armoured
- For Masterline application
- No need for cleaning the fibers
- Low smoke, halogen free and self-extinguishing
- Longitudinal and transversal watertight cable



### Available Types

#### Type of Fiber

E9/125	according to IEC 60793-2-50 Typ B1.3 + ITU G.652.D
E9/125A2	according to IEC 60793-2-50 Typ B6_a2 + ITU G.657.A2
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:	According to colour code
Tube:	White or natural
Jacket (outer):	Black

### Technical Data

#### Construction

Description / Material	Size	Options / Notice
24 Optical fiber	250 µm	Fiber type, colour
1 Multi-fiber loose tube, up to 24 fibers each	2.8 mm	Colour, dry
Reinforcement / glass-roving		Swellable
2 Ripcords		
Outer jacket / PE flame retardant (LSFH)	7 mm	Colour, inscription

#### Mechanical data

Characteristics	Conditions	Tested acc. to	Values
Weight			55 kg/km
Tensile strength	During installation In service	IEC 60794-1-21 E1	2000 N 1200 N
Minimal bending radius	During installation 6 turns In service 6 turns	IEC 60794-1-21 E11	110 mm 70 mm
Crush resistance	During installation In service	IEC 60794-1-21 E3	5000 N/dm 2000 N/dm
Impact resistance	W <sub>p</sub> = 1 J	IEC 60794-1-21 E4	100 impacts

## FIBER OPTIC CABLE Jellyfree Cable 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 -40 °C up to +70°C -40 °C up to +70°C
Fire load			0.7 MJ/m
Fire propagation	On a vertical single cable On a vertical cable bundle	IEC 60332-1-2 IEC 60332-3-25	passed 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
Water penetration	h=1m, 24h, p<3m	IEC 60794-1-2 F5B	passed
(EU) No 305/2011 (CPR)		EN50575	Cca-s1a,d0,a1

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