DATA SHEET

Fiber Optic Cables

Empty Tube Simplex LSFH Ø 3.4mm - inner Ø 1.8mm

00-0/H(ZN)H-...34

Properties

- Metal free indoor cable
- Low smoke, halogen free and self-extinguishing



Jacket colour

Construction		
Tube	Quantity	1 pcs
	Tube options	Jelly-free
	Diameter	1.8 mm
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	3.4mm

Environmental data		
Temperature	Standard	IEC 61300-2-22
	During installation	-5 °C ... 60 °C
	In service	-20 °C ... 70 °C
	In storage	-25 °C ... 70 °C
Fire load per length		0.21 MJ/m
Fire characteristics	Standard Condition Characteristics	IEC 60754-1 Jacket material Halogen acid gas

Mechanical data		
Weight		approx. 11.6 g/m
Tensile strength	Standard	IEC 60794-1-2 E1
	During installation	400 N
	In service	200 N
Min. bending radius	Standard	IEC 60794-1-2 E11
	During installation	50 mm
	In service	50 mm
Repeated bending	Standard	IEC 60794-1-2 E6
	Radius	45 mm
	Weight	1 kg
	Cycles	1000

Fiber Optic Cables

Empty Tube Simplex LSFH Ø 3.4mm - inner Ø 1.8mm

00-0/H(ZN)H-...34

Mechanical data		
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 1500 N/dm 1000 N/dm

Colours	
Tube	White or natural
Standard outer jacket colours	Yellow
	Orange
	Turquoise
	Heather violet
	Black

Fiber colour code

	1	2	3	4	5	6	7	8	9	10	11	12
H+S Standard	Red	Green	Yellow	Blue	White	Violet	Orange	Black	Grey	Brown	Heather violet	Turquoise
DIN	Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Heather violet
TIA	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Heather violet	Turquoise
IEC	Blue	Yellow	Red	White	Green	Violet	Orange	Grey	Turquoise	Black	Brown	Heather violet

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P7420 / Date of publication: 28.08.2026 / uncontrolled copy