DATA SHEET

Fiber Optic Cables
Empty Tube Simplex LSFH Ø 3.6mm-1.9mm
00-0/CHJH-...36-19

Properties

- Metal free indoor cable
- Halogen free and non-corrosive fire gases



Jacket colour

Construction		
Tube	Diameter	2.7 mm
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	3.6mm

Environmental data		
Temperature	Standard	IEC 60794-1-22 F12
	During installation	-5 °C ... 50 °C
	In service	-20 °C ... 70 °C
	In storage	-20 °C ... 70 °C
Fire characteristics	Standard Condition Characteristics	IEC 60754-1 Jacket material Halogen acid gas
	Standard Condition Characteristics	IEC 60754-2 Jacket material Degree of acidity

Mechanical data		
Weight		approx. 10.5 g/m
Tensile strength	Standard	IEC 60794-1-21 E1
	During installation	100 N
	In service	70 N
Min. bending radius	During installation	25 mm
	In service	25 mm
Crush resistance	Standard During installation In service	IEC 60794-1-21 E3 2000 N/dm 500 N/dm
Kink resistance	Standard Radius	IEC 60794-1-21 E10 7.5 mm

Fiber Optic Cables

Empty Tube Simplex LSFH Ø 3.6mm-1.9mm

00-0/CHJH-...36-19

Mechanical data		
Torsion	Standard Cycles Length Angle	IEC 60794-1-21 E7 20 1000 mm 180 °

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

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-P7423 / Date of publication: 13.05.2026 / uncontrolled copy