DATA SHEET

Fiber Optic Cables
Empty Tube Simplex LSFH Ø 2.0mm-0.4mm
00-0/CHJH-...20-4

Properties

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



Jacket colour

Construction		
Tube	Diameter	0.94 mm
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	2mm

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. 4.4 g/m
Tensile strength	Standard	IEC 60794-1-2 E1
	During installation	150 N
	In service	100 N
Min. bending radius	Standard	IEC 60794-1-2 E11
	During installation	25 mm
	In service	25 mm
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 5000 N/dm 500 N/dm

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Mechanical data		
Impact resistance	Standard Energy Cycles	IEC 60794-1-2 E4 0.5 J 3
Kink resistance	Standard Radius	IEC 60794-1-2 E10 5 mm

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

Additional Information
Shrinkage < 1.0 % at a temperature range from -20 °C up to 70 °C

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