DATA SHEET

Fiber Optic Cables
Simplex 0.9mm Tight Tube LSFH Ø 2.7mm
01-H200/FJH-...27

Properties

- Metal free indoor cable
- Each fiber strain relieved
- Tube can be stripped minimal 50mm in one piece
- For high mechanical and thermal stability



Jacket colour

Construction		
Fiber	Quantity: up to	1
	Type	uncoloured
Tube	Quantity	1 pcs
	Diameter	0.9 mm
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	2.7mm

Environmental data		
Temperature	Standard	IEC 60794-1-2 F1
	During installation	-10 °C ... 50 °C
	In service	-25 °C ... 70 °C
	In storage	-40 °C ... 70 °C
Flame propagation	Standard Condition	IEC 60332-1-2 On a vertical single cable
	Standard Condition	IEC 60332-3-24 On a vertical cable bundle

Mechanical data		
Weight		approx. 7 g/m
Tensile strength	Standard	IEC 60794-1-2 E1
	During installation	200 N
	In service	100 N
Min. bending radius	Standard	IEC 60794-1-2 E11
	During installation	50 mm
	In service	25 mm
Repeated bending	Radius	25 mm
	Cycles	5000

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Mechanical data		
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 5000 N/dm 1000 N/dm
Impact resistance	Standard Energy Cycles	IEC 60794-1-2 E4 1 J 20

Colours	
Fiber	H200: transparent
Tube	H200: transparent
Standard outer jacket colours	Orange

Type of fiber	
Fiber type	**Fiber standard**
H200/230/500	according to IEC 60793-2-30 A3c

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

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