DATA SHEET

Fiber Optic Cables

Simplex 0.6mm Tight Tube LSFH Ø 1.9mm B2ca

01-.../VJH-...19#B

Properties

- Metal free indoor cable
- Strain relieved with aramide yarn
- Tube can be stripped up to 30mm in one piece
- Tight bending radii
- Halogen free and non-corrosive fire gases
- Low smoke, halogen free and self-extinguishing



Jacket colour



Construction		
Fiber	Quantity: up to	1
	Type	uncoloured
Tube	Quantity	1 pcs
	Diameter	0.6 mm
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	1.9mm

Environmental data		
CPR class	Standard	EN 50575:2014+A1:2016
	Class	B2ca-s1a,d0,a1
Temperature	Standard	IEC 60794-1-22 F12
	During installation	-10 °C ... 50 °C
	In service	-25 °C ... 70 °C
	In storage	-25 °C ... 70 °C
Flame propagation	Standard Condition	IEC 60332-1-2 On a vertical single cable
	Standard Condition	IEC 60332-3-25 On a vertical cable bundle
Fire characteristics	Standard Condition Characteristics	IEC 60754-1 Jacket material Halogen acid gas
	Standard Condition Characteristics	IEC 60754-2 Jacket material Degree of acidity

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Environmental data		
	Standard Condition Characteristics	IEC 61034-2 Cable Smoke density

Mechanical data		
Weight		approx. 4 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	20 mm
	In service	15 mm
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 1500 N/dm
Impact resistance	Standard Energy Cycles	IEC 60794-1-2 E4 1.5 J 3
Kink resistance	Standard Radius	IEC 60794-1-2 E10 10 mm

Colours	
Tube	Transparent
Standard outer jacket colours	Yellow
	Orange
	Turquoise
	Heather violet
	Lime-Green
	Black
	Violet
	Light Blue

Type of fiber	
Fiber type	**Fiber standard**
E9/125	according to IEC 60793-2-50 B-652.D + ITU-T G.652.D
E9/125A2	according to IEC 60793-2-50 B-657.A2 + ITU-T G.657.A2
G50/125-OM2	according to IEC 60793-2-10 A1-OM2b + ITU-T G.651.1
G50/125-OM3	according to IEC 60793-2-10 A1-OM3b
G50/125-OM4	according to IEC 60793-2-10 A1-OM4b
G62,5/125-OM1	according to IEC 60793-2-10 A1-OM1
G50/125-OM5	according to IEC 60793-2-10 A1-OM5b
HC/200/355	No standard

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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