

Fiber Optic Cables

Semi Tight Tube Ø 0.9mm OM1

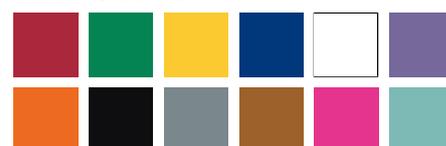
01-G62/CH-...9

Properties

- Metal free indoor cable
- Tube can be stripped up to 2m in one piece
- Tight bending radii
- High flexibility
- Halogen free and non-corrosive fire gases



Jacket colour



Construction		
Fiber	Quantity: up to	1
	Type	coloured
Tube	Quantity	1 pcs
	Tube options	Jelly-free
	Diameter	0.9 mm
Outer jacket	Material	LSFH

Environmental data		
Temperature	Standard	IEC 60794-1-22 F12
	During installation	-10 °C ... 50 °C
	In service	-25 °C ... 75 °C
	In storage	-40 °C ... 75 °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
Shrinkage	Standard Temperature Value	IEC 60811-1-3 70 °C 0.9 %

Mechanical data		
Weight		approx. 0.8 g/m
Tensile strength	Standard	IEC 60794-1-2 E1
	During installation	20 N
	In service	10 N
Min. bending radius	Standard	IEC 60794-1-2 E11

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Mechanical data		
	During installation	25 mm
	In service	25 mm
Crush resistance	Standard	IEC 60794-1-2 E3
	During installation In service	1000 N/dm 500 N/dm
Impact resistance	Standard	IEC 60794-1-2 E4
	Energy Cycles	0.74 J 3
Kink resistance	Standard	IEC 60794-1-2 E10
	Radius	5 mm
Torsion	Standard	IEC 60794-1-2 E7
	Cycles	3
	Length	1000 mm
	Angle	360 °

Colours	
Fiber	According to colour code
Tube	E9: YE, G50: OG, G62: BU, OM3: TQ, OM4: HV
Standard outer jacket colours	Red
	Green
	Yellow
	Blue
	White
	Violet
	Orange
	Black
	Grey
	Ochre Brown
	Heather violet
	Turquoise

Type of fiber	
Fiber type	Fiber standard
G62,5/125-OM1	according to IEC 60793-2-10 A1-OM1

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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