DATA SHEET

Fiber Optic Cables
Tight Tube Ø 0.9mm G.657.A3
01-E9A3/F-...9

Properties

- Metal free indoor cable
- Tube can be stripped up to 30mm in one piece
- Tight bending radii
- For high mechanical and thermal stability
- Halogen free and non-corrosive fire gases
- Improved crush resistance



Jacket colour

Construction		
Fiber	Quantity: up to	1
	Type	coloured
Tube	Quantity	1 pcs
	Diameter	0.9 mm

Environmental data		
Temperature	Standard	IEC 61300-2-22
	During installation	-10 °C ... 60 °C
	In service	-40 °C ... 85 °C
	In storage	-40 °C ... 60 °C

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
	During installation	10 mm
	In service	10 mm
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 1000 N/dm 500 N/dm
Impact resistance	Standard Energy Cycles	IEC 60794-1-2 E4 0.74 J 100

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Mechanical data		
Torsion	Standard Cycles Length Angle	IEC 60794-1-2 E7 3 1000 mm 7200 °

Colours	
Fiber	E9, G50 and G62: transparent
Tube	E9: YE, G50: OG, G62: BU, OM3: TQ, OM4: HV
Standard outer jacket colours	Yellow

Type of fiber	
Fiber type	**Fiber standard**
E9/125A3	according to IEC 60793-2-50 B-657.B3 + ITU-T G.657.B3

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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