

FIBER OPTIC CABLE Tight Tube

Description

...E9A.../V-T6-F...

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



Available Types

Fiber count: 1 Fiber

Type of Fiber

E9/125A1
E9/125A2

according to IEC 60793-2-50 Typ B6_a1 + ITU G.657.A1
according to IEC 60793-2-50 Typ B6_a2 + ITU G.657.A2

Standard Colours

Fiber:
Tube:

E9A2: according to colour code
Transparent

Technical Data

Construction

Description / Material	Size	Options / Notice
1 Optical fiber	250 µm	Fiber type, colour
1 Tight tube	0.6 mm	

Mechanical Data

Characteristics	Conditions	Tested acc. to	Values
Weight			0.3 kg/km
Tensile strength	During installation In service	IEC 60794-1-2 E1	20 N 10 N
Minimal bending radius	During installation In service	IEC 60794-1-2 E11	10 mm 10 mm
Crush resistance	During installation In service	IEC 60794-1-2 E3	600 N/dm 300 N/dm

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Environmental Data

Characteristics	Conditions	Tested acc. to	Values
Temperature range	During installation In service In storage	IEC 60794-1-22 F12	-20 °C up to +70°C -45 °C up to +85°C -45 °C up to +85°C
Fire load			0.01 MJ/m
Fire Test: halogen acid gas Fire Test: degree of acidity	Jacket material Jacket material	IEC 60754-1 IEC 60754-2	halogen free passed
2011/65/EU (RoHS - including 2015/863 and 2017/2102)			compliant

Specification for singlemode at 1310nm/1550nm

Smaller bending radius are possible with E9/125 LowBend (ITU G.657) and G50/125-OM3/OM4 BendOptimized.