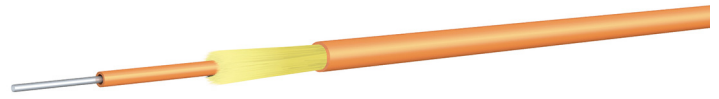


FIBER OPTIC CABLE Simplex Cable

Description

01-.../FJZ-...19

- Metal free indoor and outdoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relief
- 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
- Jacket material according to UL 94V-2



Available Types

Fiber count: 1 Fiber

Type of Fiber

E9/125
G50/125-OM2
G62.5/125-OM1

According to IEC 60793-2-50 Typ B1.3 + ITU G.652.D + ITU G.657.A1
according to IEC 60793-2-10 Typ A1a + ITU G.651
according to IEC 60793-2-10 A1b

Standard Colours

Fiber: E9, G50 and G62: transparent
 Tube: E9: YE, G50: OG, G62: BU, OM3: TQ, OM4: HV
 Jacket (outer): E9: YE, G50 and G62: OG, OM3: TQ, OM4: HV

Technical Data

Construction

Description / Material	Size	Options / Notice
1 Optical fiber	245 / 400 µm	Fiber type, buffered
1 Tight tube	0.9 mm	Colour
Reinforcement / aramide yarn		
Outer jacket / TPU	1.9 mm	Colour, inscription

Mechanical Data

Characteristics	Conditions	Tested acc. to	Values
Weight			3 kg/km
Tensile strength	During installation In service	IEC 60794-1-2 E1	210 N 120 N
Minimal bending radius	During installation In service	IEC 60794-1-2 E11	50 mm 30 mm
Crush resistance	During installation In service	IEC 60794-1-2 E3	20000 N/dm 2000 N/dm
Impact resistance	Wp = 1 J	IEC 60794-1-2 E4	3 impacts
Repeated bending	Radius = 30 mm / Weight = 1 kg	IEC 60794-1-2 E6	2500 cycles

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Environmental Data

Characteristics	Conditions	Tested acc. to	Values
Temperature range	During installation In service In storage	IEC 61300-2-22	-10 °C up to +50°C -40 °C up to +85°C -40 °C up to +85°C
Fire load			0.11 MJ/m
2011/65/EU (RoHS)			compliant

Specification for singlemode at 1550nm, for multimode at 1300nm

Comment

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