

Simplex cables with tight tube



Properties

- Metal free indoor and outdoor cable
- Strain relieved with aramide yarn
- For direct connector assembly with strain relief
- Tight bend radii
- For high mechanical and thermal stability
- Halogen free and non-corrosive fire gases

Applications

- For outdoor and indoor installations
- Patch cable in distribution centres

Design

Tube	tight tube 0.9 mm	
Strain relief	aramide yarn	
Jacket material	TPU	
Jacket colour	E9	yellow
	G50 - OM2	orange
	G50 - OM3	turquoise
	G50 - OM4	heather violet
	G62.5 - OM1	orange

According to IEC 60794-1-2

Ordering information

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

Please see page 166.

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Specification			
Jacket Ø	mm	1.9	
Tube Ø	mm	0.9	
Approx. weight	kg/km	3	

Mechanical properties					
Tensile strength	during installation	N	180	IEC 60794-1-2 E1	
	in service	N	90		
Min. bend radius ¹⁾	during installation	mm	50	IEC 60794-1-2 E11	
	in service	mm	25		
Crush resistance	short-term	N/dm	10 000	IEC 60794-1-2 E3	
	long-term	N/dm	2000		
Impact resistance	Wp = 0.74 J	impacts	30	IEC 60794-1-2 E4	
Repeated bending	r = 30 mm, weight = 1 kg	cycles	2500	IEC 60794-1-2 E6	

Thermal properties					
Temperature range	during installation	°C	−10 to +50	IEC 60794-1-22 F12	
	in service	°C	−40 to +85		
	in storage	°C	−40 to +85		

Combustion properties			
Fire load	MJ/m	0.11	
2011/65/EC (RoHS)		compliant	

¹⁾ Smaller bending radius are possible with E9/125 LowBend (ITU G.657) and G50/125-OM3/OM4 BendOptimized.