

Semi-tight tubes 0.9 mm



Design

Tube	coloured fiber in dry tube (jelly free)	
Tube material	halogen free	
Tube colour	E9	yellow
	OM2	orange
	OM3	turquoise
	OM4	heather violet
	G62.5	blue
	other colours on request	

Properties

- For direct connector assembly
- Tube can be stripped up to 2 m in one piece
- Tight bending radii
- High flexibility
- Halogen free and non-corrosive fire gases
- Jelly free

Applications

- Pigtail assemblies for fusion or mechanical splicing within distribution frames and termination boxes
- Mini patch cables within protected enclosures
- For termination with passive optical components such as connectors

According to IEC 60794-1-2

Ordering information

01-.../CH-...9

Please see page 136

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Specification		Semi-tight tube dry	
Tube Ø		0.90	mm
Approx. weight		0.68	kg/km

Mechanical properties				
Tensile strength	during installation	20	N	IEC 60794-1-2 E1
	in service	10	N	
Min. bend radius	during installation	25	mm	IEC 60794-1-2 E11
	in service	25	mm	
Crush resistance	short-term	100	N/cm	IEC 60794-1-2 E3
	long-term	50	N/cm	
Impact resistance	$W_p = 0.74 \text{ J}$, $r = 25 \text{ mm}$	3	impacts	IEC 60794-1-2 E4
Torsion	$\pm 360^\circ$, length = 1000 mm, $F = 5 \text{ N}$	3	cycles	IEC 60794-1-2 E7

Thermal properties				
Temperature range	during installation	-10 to +60	°C	IEC 60794-2-50 F12
	in service	-40 to +85	°C	
	in storage	-40 to +85	°C	

Specification for singlemode at 1310 nm, for multimode at 1300 nm

Combustion properties			
Fire load		0.016	MJ/m
2002/95/EC (RoHS)		compliant	