

## 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

## Semi-tight tubes 0.9 mm

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	