

Tight tubes 0.9 mm



Design

Tube	buffer layer on fiber	
Tube material	halogen free (TPE)	
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 30 mm in one piece
- Tight bending radii
- For high mechanical and thermal stability
- Halogen free and non-corrosive fire gases
- Improved crush resistance

Applications

- Patch cable within distribution frames and termination boxes
- In thermally and mechanically critical environments
- For mobile or flexible systems

According to IEC 60794-1-2

Ordering information

01-.../F-...9

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Specification		Tight tube	
Tube Ø		0.90	mm
Approx. weight		0.76	kg/km

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

Thermal properties			
Temperature range	during installation	-10 to +60	°C
	in service	-40 to +80	°C
	in storage	-40 to +80	°C

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

Combustion properties			
Fire load		0.019	MJ/m
2002/95/EC (RoHS)		compliant	