

# Simplex cables with tight tube



## Design

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

## Properties

- Metal free indoor and outdoor cable
- For direct connector assembly with strain relief
- Tube can be stripped minimal 30 mm in one piece
- Tight bend radi
- For high mechanical and thermal stability
- Halogen free and non-corrosive fire gases
- Jacket material according to UL94V-2

## Applications

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

According to IEC 60794-1-2

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

Mechanical properties				
Tensile strength	during installation	180	N	IEC 60794-1-2 E1
	in service	90	N	
Min. bend radius	during installation	50	mm	IEC 60794-1-2 E11
	in service	30	mm	
Crush resistance	short-term	1000	N/cm	IEC 60794-1-2 E3
	long-term	200	N/cm	
Impact resistance	Wp = 0.74 J	30	impacts	IEC 60794-1-2 E4
Repeated bending	r = 30 mm, weight = 1 kg	10'000	cycles	IEC 60794-1-2 E6

Thermal properties				
Temperature range	during installation	-10 to +50	°C	IEC 61300-2-22
	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	0.11	MJ/m	
2002/95/EC (RoHS)	compliant		