

## Simplex cables 1.4 mm with tight tube 0.6 mm



### Design

Tube	1 tight buffered tube 0.6 mm	
Strain relief	Aramide yarn	
Jacket material	LSFH™	
Jacket colour	E9	yellow
	OM2	orange
	OM3	turquoise
	OM4	heather violet
	G62.5	orange

### Properties

- Metal free indoor cable
- Strain relieved with aramide yarn
- For direct connector assembly with strain relief
- Tight bending radii
- High flexibility
- Halogen free and non-corrosive fire gases
- Jacket material according to UL 94V-0

### Applications

- Patch cables for data centers
- Terminations possible for SFF connectors only

According to IEC 60794-1-2

### Ordering information

01-.../VJH-...14

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Specification			
Jacket Ø		1.4	mm
Tube Ø		0.6	mm
Approx weight		2.0	kg/km

Mechanical properties				
Tensile strength	during installation	150	N	IEC 60794-1-2 E1
	in service	75	N	
Min. bend radius	during installation	15	mm	IEC 60794-1-2 E11
	in service	10	mm	
Crush resistance	short-term	200	N/cm	IEC 60794-1-2 E3
	long-term	100	N/cm	
Impact resistance	W <sub>p</sub> = 0.74 J	10	impacts	IEC 60794-1-2 E4
Repeated bending	r = 25 mm, weight = 0.35 kg	1000	cycles	IEC 60794-1-2 E6
Kink resistance	radius 5 mm	p		IEC 60794-1-2 E10

Thermal properties				
Temperature range	during installation	-10 to +50	°C	IEC 60794-2-50 F12
	in service	-25 to +70	°C	
	in storage	-25 to +70	°C	

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

Combustion properties				
Fire load		0.05	MJ/m	
Smoke density		p		IEC 61034-2
Halogen acid gas	jacket material	p		IEC 60754-1
Degree of acidity	jacket material	p		IEC 60754-2
2002/95/EC (RoHS)		compliant		

p = passed