

Duplex round cables (LC uniboot compatible)



Design

Tube	2 tight buffered tubes 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 relieve with Aramide yarn
- For direct connector assembly
- Tube can be stripped up to 50 mm in one piece
- Tight bending radii
- High flexibility
- Low smoke, halogen free and self-extinguishing
- Jacket material according to UL 94V-0
- LC Uniboot compatible

Applications

- Patch cables for data centers
- Duplex cable for LC Uniboot

According to IEC 60794-1-2

Ordering information

02-.../V(ZN)H-...21

Please see page 138

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Specification

Jacket Ø		2.1	mm	
Tube Ø		0.6	mm	
Approx. weight		4.1	kg/km	

Mechanical properties

Tensile strength	during installation	200	N	IEC 60794-1-2 E1
	in service	100	N	
Min. bend radius	during installation	10	mm	IEC 60794-1-2 E11
	in service	10	mm	
Crush resistance	short-term	500	N/cm	IEC 60794-1-2 E3
	long-term	90	N/cm	
Kink resistance	radius 3 mm	p		IEC 60794-1-2 E10

Thermal properties

Temperature range	during installation	-25 to +70	°C	IEC 60794-1-2 F1
	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		0.082	MJ/m	
Fire propagation	on a vertical single cable	p		IEC 60332-1-2
	on a vertical cable bundle	p		IEC 60332-3-25
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