

Duplex round cables (LC uniboot compatible)



Properties

- Metal free indoor cable
- Strain relieve with aramide yarn
- For direct connector assembly
- 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



Design

Tube	2 tight buffered tubes 0.6 mm	
Strain relief	aramide yarn	
Jacket material	LSFH™	
Tube colour	E9 low bend	yellow
	G50 – OM3	turquoise
	G50 – OM4	heather violet
	G50 – OM5	lime green

According to IEC 60794-1-2

Ordering information

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

Please see page 147.

Duplex round cables (LC uniboot compatible)

Specification			
Jacket Ø	mm	2.1	
Tube Ø	mm	0.6 tight	
Approx. weight	kg/km	4.3	

Mechanical properties				
Tensile strength	during installation	N	200	IEC 60794-1-2 E1
	in service	N	100	
Min. bend radius	during installation	mm	15	IEC 60794-1-2 E11
	in service	mm	10	
Crush resistance	short-term	N/dm	5000	IEC 60794-1-2 E3
	long-term	N/dm	900	
Kink resistance	radius 3 mm		p	IEC 60794-1-2 E10

Thermal properties				
Temperature range	during installation	°C	−10 to +50	IEC 60794-1-22-F1
	in service	°C	−25 to +70	
	in storage	°C	−25 to +70	

Combustion properties				
Fire load		MJ/m	0.11	
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
2011/65/EC (RoHS)			compliant	
(EU) No 305/2011 (CPR)			Dca-s1a, d0, a1	EN 50575

p = passed