

Duplex cables figure 0



Ø 2.0 mm - inner jacket numbered



Ø 2.7 mm - inner jacket red and green

Design

Tube	2 simplex cables with semi-tight tubes 0.9 mm	
Strain relief	Aramide yarn	
Jacket material	LSFH™	
Outer jacket colour	E9	yellow
	OM2	orange
	OM3	turquoise
	OM4	heather violet
	G62.5	orange

Properties

- Metal free indoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relieved
- Tube can be stripped up to 1 m in one piece
- Low smoke, halogen free and self-extinguishing
- Jacket material according to UL 94V-0

Applications

- Installation in indoor areas
- Patch cable in distribution centres
- Data cable in distribution networks
- Applications with high safety requirements in case of fire

According to IEC 60794-1-2

Ordering information

02-.../CWJH-A...

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Specification					
Jacket Ø		3.1 x 5.2	3.5 x 6.2	mm	
Single fiber cable Ø		2.0	2.7	mm	
Tube Ø		0.9	0.9	mm	with one fiber each
Channel marking on single fiber cable		numbered	coloured		
Approx. weight		18	24.2	kg/km	

Mechanical properties					
Tensile strength	during installation	400	600	N	IEC 60794-1-2 E1
	in service	2 x 100	2 x 200	N	
Min. bend radius	during installation	50	50	mm	IEC 60794-1-2 E11
	in service	25	30	mm	
Crush resistance	short-term	500	1000	N/cm	IEC 60794-1-2 E3
	long-term	100	100	N/cm	
Impact resistance	Wp = 0.74 J, r = 25 mm	40	40	impacts	IEC 60794-1-2 E4
Repeated bending	r = 25 mm, weight = 2 kg	10'000	10'000	cycles	IEC 60794-1-2 E6

Thermal properties					
Temperature range	during installation	-10 to +60	-10 to +50	°C	IEC 60794-2-50 F12
	in service	-20 to +70	-20 to +70	°C	
	in storage	-25 to +60	-25 to +60	°C	

Specification for singlemode at 1310 nm, for multimode at 1300 nm

Combustion properties					
Fire load		0.35	0.46	MJ/m	
Fire propagation	on a vertical single cable	p	p		IEC 60332-1
	on a vertical cable bundle	p	p		IEC 60332-3-24
Halogen acid gas	jacket material	p	p		IEC 60754-1
Degree of acidity	jacket material	p	p		IEC 60754-2
2002/95/EC (RoHS)		compliant			

p = passed

Technical data for cable types with H200 fiber might vary