

## Duplex cables figure 8 (zip cord) – 2.0 and 2.7 mm



### Design

Tube	2 semi-tight tubes 0.9 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
- Each fiber strain relieved
- For direct connector assembly with strain relief
- Tube can be stripped up to 1 m in one piece
- Tight bending radii
- Low smoke, halogen free and self-extinguishing
- Jacket material according to UL 94V-0
- Low fire load for high safety requirements

### Applications

- Installation in indoor area
- Patch cable in distribution centres
- Data cable in distribution networks
- Ideal for applications involving high safety requirements in case of fire

According to IEC 60794-1-2

### Ordering information

02-.../CWJH-...

Please see page 139

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Specification					
Jacket Ø		2.0 x 4.1	2.7 x 5.5	mm	
Single fiber Ø		2.0	2.7	mm	
Tube Ø		0.9	0.9	mm	with one fiber each
Channel marking on single fiber					inscription on one side
Approx. weight		7.8	12.5	kg/km	

Mechanical properties					
Tensile strength	during installation	400	400	N	IEC 60794-1-2 E1
	in service	2 x 100	2 x 100	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	200	200	N/cm	
Impact resistance	Wp = 0.74 J, r = 25 mm	40	20	impacts	IEC 60794-1-2 E4
Repeated bending	r = 25 mm, weight = 0.5 kg	5000	5000	cycles	IEC 60794-1-2 E6
Torsion	±360°, length = 1000 mm, F = 20 N	10	10	cycles	IEC 60794-1-2 E7

Thermal properties					
Temperature range	during installation	-10 to +60	-10 to +50	°C	IEC 60794-2-50 F12
	in service	-25 to +70	-20 to +70	°C	
	in storage	-40 to +60	-25 to +60	°C	

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

Combustion properties					
Fire load		0.16	0.25	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.