

Duplex figure 8 (zip cord)



Properties

- Metal free indoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relief
- Tight bending radii
- For high thermal stability
- Halogen free and non-corrosive fire gases
- 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 safety requirements in case of fire



Design

Tube	2 semi-tight tubes 0.9 mm 2 tight tubes 0.6 mm/0.9 mm	
Strain relief	aramide yarn	
Jacket material	LSFH™	
Tube colour	E9	yellow
	G50 - OM2	orange
	G50 - OM3	turquoise
	G50 - OM4	heather violet
	G50 - OM5	lime green
	G62.5 - OM1	orange

According to IEC 60794-1-2

Ordering information

02.../VJH...14
02.../FJH...17
02.../CWJH...17
02.../CWJH...20
02.../CWJH...27

Please see page 146, 147.

Duplex figure 8 (zip cord)

Specification							
Jacket Ø	mm	1.4 x 3.0	1.7 x 3.5	1.7 x 3.5	2.0 x 4.1	2.7 x 5.5	
Single fiber cable Ø	mm	1.4	1.7	1.7	2.0	2.7	
Tube Ø	mm	0.6 tight	0.9 tight	0.9 semi-tight	0.9 semi-tight	0.9 semi-tight	
Channel marking on single fiber							inscription on one side
Approx weight	kg/km	4.4	6.5	6.6	9.0	14.3	

Mechanical properties								
Tensile strength	during installation	N	300	300	300	800	800	IEC 60794-1-2 E1
	in service	N	2 x 100	2 x 100	2 x 100	2 x 200	2 x 200	
Min. bend radius ¹⁾	during installation	mm	25	50	50	50	50	IEC 60794-1-2 E11
	in service	mm	25	25	25	25	25	
Crush resistance	short-term	N/dm	7500	10 000	10 000	10 000	10 000	IEC 60794-1-2 E3
	long-term	N/dm	2500	4000	4000	5000	5000	
Impact resistance	W _p = 0.74 J	impacts	10	40	40	20	20	IEC 60794-1-2 E4
	W _p = 1.0 J							
Repeated bending	r = 25 mm, weight = 0.5 kg	cycles	1000	5000	5000	5000	10 000	IEC 60794-1-2 E6

Thermal properties								
Temperature range	during installation	°C	-10 to +50	-10 to +50	-10 to +50	-10 to +50	-10 to +50	IEC 60794-1-22 F1
	in service	°C	-25 to +70	-40 to +70	-25 to +70	-25 to +70	-10 to +70	
	in storage	°C	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-25 to +70	

Combustion properties								
Fire load		MJ/m	0.10	0.13	0.13	0.22	0.34	
Fire propagation	on a vertical single cable			p	p	p	p	IEC 60332-1-2
	on a vertical cable bundle				p	p	p	IEC 60332-3-25
Halogen acid gas	jacket material		p	p	p	p	p	IEC 60754-1
Degree of acidity	jacket material		p	p	p	p	p	IEC 60754-2
2011/65/EC (RoHS)			compliant					
(EU) No 305/2011 (CPR)					Dca-s1 a, d0, a1			EN 50575

p = passed

¹⁾ Smaller bending radius are possible with E9/125 LowBend (ITU G.657) and G50/125-OM3/OM4 BendOptimized