

# Breakout cables 2.0 mm



## Properties

- Metal free indoor cable
- Each fiber strain relieved
- For direct connector assembly with strain relief
- Ripcord for easy jacket removal
- Low smoke, halogen free and self-extinguishing
- Cable with improved fire performance

## Applications

- Installation in indoor areas
- Data cable in distribution networks
- For installation in cable ducts
- Deal for applications involving high safety requirements in case of fire
- For horizontal and collapsed backbone cabling



## Design

Cable design	central strenght member, non-metallic 4 to 24 single fiber cables with semi-tight tubes strain relief (aramide yarn) separating tape and 1 ripcord	
Channel marketing	single fiber cable numbered	
Jacket material	LSFH™	
Tube/jacket 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

04.../CWJSNH...20
08.../CWJSNH...20
12.../CWJSNH...20
24.../CWJSNH...20

Please see page 149.

## Approvals

DNV GL Type approved  
Certificate No. TAE 000010R

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Specification		4	8	12	24	
Jacket Ø	mm	7.0	9.0	12.0	14.0	
Single fiber cable Ø	mm	2.0	2.0	2.0	2.0	numbered
Tube Ø	mm	0.9	0.9	0.9	0.9	
Approx. weight	kg/km	48	77	146	190	

Mechanical properties							
Tensile strength	during installation	N	1200	2400	4000	7200	IEC 60794-1-2 E1
	in service	N	4 × 100	8 × 100	12 × 100	24 × 100	
Min. bend radius	during installation	mm	100	120	180	240	IEC 60794-1-2 E11
	in service	mm	70	80	120	140	
Crush resistance	short-term	N/dm	7500	7500	7500	4000	IEC 60794-1-2 E3
	long-term	N/dm	2000	2000	2000	2000	
Impact resistance	Wp = 2.21 J, r = 25 mm	impacts	50	50	50	50	IEC 60794-1-2 E4
Torsion	± 360°, l = 1000 mm m = 2 kg	cycles	25 000	25 000	25 000	25 000	IEC 60794-1-2 E7

Thermal properties				
Temperature range	during installation	°C	−10 to +60	IEC 60794-1-22 F12
	in service	°C	−25 to +70	
	in storage	°C	−40 to +70	

Combustion properties							
Fire load		MJ/m	1.09	1.72	3.40	4.1	
Fire propagation	on a vertical single cable		p	p	p	p	IEC 60332-1-2
	on a vertical cable bundle		p	p	p	p	IEC 60332-3-24
Smoke density			p	p	p	p	IEC 61034-2
Halogen acid gas	jacket material		p	p	p	p	IEC 60754-1
Degree of acidity	jacket material		p	p	p	p	IEC 60754-2
2011/65/EC (RoHS)			compliant				
(EU) No 305/2011 (CPR)			*	**	**	***	EN 50575

p = passed

\* Dca-s1a, d0, a1

\*\* Cca-s1a, d2, a1

\*\*\* Cca-s1a, d1, a1