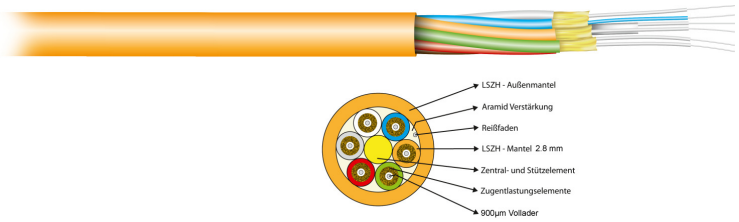
DATASHEET

I-V(ZN)HH Breakout OM4 2G (2x1) Eca 600N LSZH erica violet 2.8mm



General data

Indoor application
Installation in shafts, underfloor area
Secondary cabling (vertical): riser area (backbone)
Tertiary cabling (horizontal): working area, fiber-to-the-desk FTTD
Trunk cable, patch- and adapter cable
Indoor cable
Non-metallic, halogenfree, gel free
Suitable for connector assembly
Operation: -20°C ~ 60°C
Installation: -5°C ~ 50°C

Technical properties

Application	Inside
Armouring	False
Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	No
Colour outer sheath	aqua
Crush resistance	300 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OM4
Fibre type	Multi mode 50/125
Flame retardant	acc. to EN 60332-1-2
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	EN 50575
IL max. (dB/km) 1300nm	0.8 dB/km
IL max. (dB/km) 850nm	2.7 dB/km
Longitudinal water blocking	False
Low smoke	Yes

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Low smoke (acc. EN 61034-2)	True
Material outer sheath	LSZH
Oil resistant	no
Oil resistant (acc. EN 60811-2-1)	False
Radial water blocking	False
Resistant to chemicals	False
Scope of delivery	1x Cable1x Drum
Temperature Range (Installation)	-5 – 50 °C
Temperature Range (Operation)	-40 – 80 °C
Temperature Range (Storage)	-25 – 70 °C
Type of tube	Tight
UV resistant	no
With rodent protection	False
With strain relief	True

Available variants

ArtNr.	Bezeichnung	CPR-Class	Cable Ø	Category	Number of fibres	Tensile force max.	Number of fibres per tube	Construct	Suitable for underground installation	Outer diameter approx.	Fire load	Minimum bending radius (dynamic)	VDE-Name	Weight	Minimum bending radius (static)
55002.1OM4	I-V(ZN)HH Breakout OM4 2G (2x1) Eca 600N LSZH erica violet 2.8mm	Eca	3.9 x 6.8 mm	OM4	2	600 N	1	(2x1)	False	3.9x6.8 mm	0.83 MJ/m	15xOD mm	I-V(ZN)HH 2G 50/125	28 kg/km	10xOD mm
55004.1OM4	I-V(ZN)HH Breakout OM4 4G (4x1) 800N LSZH turquoise 2.8mm	Eca	8.3 mm	OM4	4	800 N	1	(4x1)	False	8.5 mm	1.15 MJ/m	15xOD mm	I-V(ZN)HH 4G 50/125	45 kg/km	10xOD mm
55008.1OM4	I-V(ZN)HH Breakout OM4 8G (8x1) 1000N LSZH turquoise 2,1mm	Eca	9.4 mm	OM4	8	1000 N	1	(8x1)	False	12.1 mm	1.28 MJ/m	15xOD mm	I-V(ZN)HH 8G 50/125	85 kg/km	10xOD mm

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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