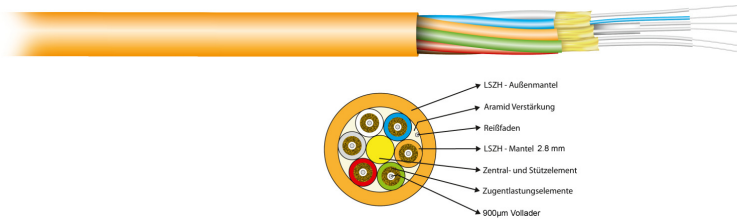
DATASHEET

I-V(ZN)HH Breakout OM3 12G (12x1) 1000N LSZH aqua 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	False
Colour outer sheath	aqua
Crush resistance	1000 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OM3
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	True

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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)	-20 – 60 °C
Temperature Range (Storage)	-25 – 70 °C
Type of tube	Tight
UV resistant	Nein
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)
55002.1OM3	I-V(ZN)HH Breakout OM3 2G (2x1) Eca 600N LSZH aqua 2.8mm	Eca	3.9 x 6.8 mm	OM3	2	600 N	1	(2x1)	False	3.9x6.8 mm	0.83 MJ/m	15xOD mm	I-V(ZN)HH 2G50/125	32 kg/km	10xOD mm
55004.1OM3	I-V(ZN)HH Breakout OM3 4G (4x1) 800N LSZH aqua 2.8mm	Eca	8.3 mm	OM3	4	800 N	1	(4x1)	False	8.5 mm	1.15 MJ/m	15xOD mm	I-V(ZN)HH 4G50/125	45 kg/km	10xOD mm
55008.1OM3	I-V(ZN)HH Breakout OM3 8G (8x1) 1000N LSZH aqua 2.8mm	Eca	9.4 mm	OM3	8	1000 N	1	(8x1)	False	12.1 mm	1.28 MJ/m	15xOD mm	I-V(ZN)HH 8G50/125	85 kg/km	10xOD mm
55012.1OM3	I-V(ZN)HH Breakout OM3 12G (12x1) 1000N LSZH aqua 2.8mm	Eca	15.8 mm	OM3	12	1000 N	1	(12x1)	False	15.8 mm	1.57 MJ/m	15xOD mm	I-V(ZN)HH 12G50/125	240 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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