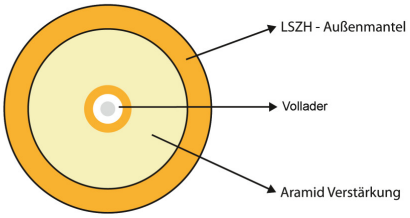
DATASHEET

I-V(ZN)H Simplex OM1 1G (1x1) 400N LSZH orange 2.8mm





General data

Indoor application
Tertiary cabling (horizontal) : working area, fiber-to-the-desk (FTTD)
Patch- and adapter cable
Indoor cable
Non-metallic, halogenfree
Suitable for field installable connectors

Technical properties

Application	Inside
Armouring	False
Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	orange
Crush resistance	150 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OM1
Fibre type	Multimode 62,5/125
Flame retardant	acc. to EN 60332-1-2
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	-
IL max. (dB/km) 1300nm	0.9 dB/km
IL max. (dB/km) 850nm	3.2 dB/km
Longitudinal water blocking	False
Low smoke	True
Low smoke (acc. EN 61034-2)	True
Material outer sheath	LSZH

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EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

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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)	-10 – 70 °C
Temperature Range (Storage)	-25 – 70 °C
Tube Ø	2.8 mm
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)
56101.1	I-V(ZN)H Simplex OM1 1G (1x1) 400N LSZH orange 2.8mm	Dca	2.8 mm	OM1	1	400 N	1	(1x1)	False	2.8 mm	0.18 MJ/m	15xOD mm	I-V(ZN)H 1G62,5/125	7.9 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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