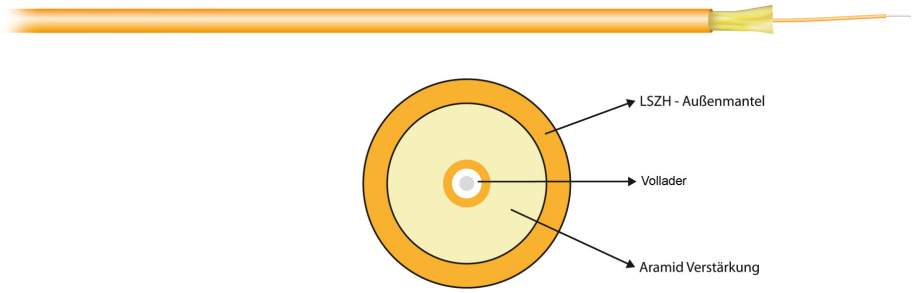
DATASHEET

I-V(ZN)H Simplex OS2 1E (1x1) 400N LSZH yellow 2.8mm G657A1



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	No
Colour outer sheath	yellow
Crush resistance	150 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OS2 G657A1
Fibre type	Single mode 9/125
Flame retardant	acc. to EN 60332-1-2
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	-
IL max. (dB/km) 1310nm	0.4 dB/km
IL max. (dB/km) 1550nm	0.30 dB/km
Longitudinal water blocking	False
Low smoke	Yes
Low smoke (acc. EN 61034-2)	True

This datasheet was created automatically on 26-11-2026 . Technical changes reserved.

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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)	-10 – 70 °C
Temperature Range (Storage)	-25 – 70 °C
Tube Ø	2.8 mm
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)
56201.1	I-V(ZN)H Simplex OS2 1E (1x1) 400N LSZH yellow 2.8mm G657A1	Dca	2.8 mm	OS2	1	400 N	1	(1x1)	False	2.8 mm	0.18 MJ/m	15xOD mm	I-V(ZN)H 1G9/125	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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