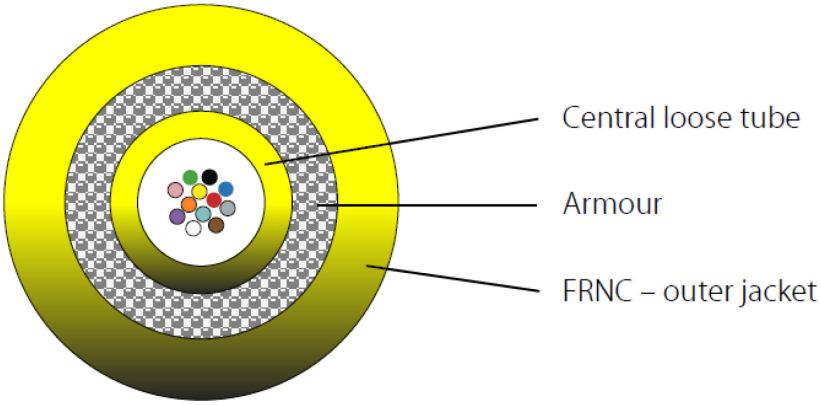
DATASHEET

INFRALAN® I-B(ZN)BH OS2 12E (1x12) B2ca 1500N LSZH yellow 6.5mm G657A1



General data

Fields of application:
For building connections
For campus cabling
For use in plastic pipe systems
For installation in cable ducts and on flatbeds

Characteristics:
Easy to use construction
Gel-free cable construction for clean and fast assembly
Small dimensions
High laying stability
Fire behaviour tested and certified according to
Construction Products Regulation (see Euro fire class)

Cable diameter may vary

Technical properties

Application	Inside
Armouring	True
Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	yellow
Crush resistance	1500 N/dm

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

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WIR SORGEN FÜR VERBINDUNG
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Fiber Colours	white
Fiber marking	Colour
Fibre category	OS2 G657A1
Fibre type	Singlemode 9/125
Flame retardant	acc. to EN 60332-3-24
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	EN 50575
IL max. (dB/km) 1310nm	0.4 dB/km
IL max. (dB/km) 1550nm	0.30 dB/km
Longitudinal water blocking	False
Low smoke	True
Material outer sheath	LSZH
Oil resistant	no
Radial water blocking	False
Resistant to chemicals	False
Scope of delivery	1x Cable1x Drum
Temperature Range (Installation)	-5 – 50 °C
Temperature Range (Operation)	-25 – 60 °C
Temperature Range (Storage)	-25 – 70 °C
Tube marking	Colour
Tube Ø	3.0 mm
Type of tube	Central tube
UV resistant	no
With rodent protection	True
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)
56312.1OS2-CPR	INFRALAN® I-B(ZN)BH OS2 12E (1x12) B2ca 1500N LSZH yellow 6.5mm G657A1	B2ca	6.5 mm	OS2	12	1500 N	12	(1x12)	False	6.5 mm	0.62 MJ/m	20xOD mm	I-B(ZN)BH 12E9/125	46 kg/km	10xOD mm

Note on Intended Use

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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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