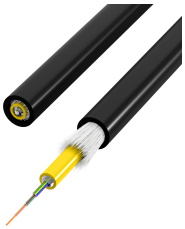
DATASHEET

INFRALAN® A-DQ(ZN)B2Y OS2 12E (1x12) 3000N PE black, 7.5mm G657A1

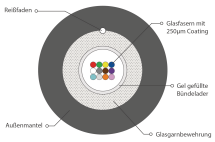












General data

This fiber optic cable with a central gel-filled loose tube offers an outstanding solution for outdoor applications and direct burial. With a capacity of up to 24 fibers and a dielectrically armored construction, it ensures maximum stability and durability, even under extreme conditions. The longitudinally watertight design protects the fibers from moisture, while the robust LDPE jacket offers additional protection against environmental influences. Thanks to its rodent resistance, the cable is particularly suitable for demanding environments.
Applications include LAN and WAN backbones, telecom access lines and drop connections for fiber-to-business, fiber-to-the-building and fiber-to-the-home.

Technical properties

Application	Outside
Armouring	True

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Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	black
Crush resistance	3000 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OS2 G657A1
Fibre type	Single mode 9/125
Flame retardant	No
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	-
IL max. (dB/km) 1310nm	0.39 dB/km
IL max. (dB/km) 1550nm	0.22 dB/km
Longitudinal water blocking	True
Low smoke	nein
Material outer sheath	Polyethylene (PE)
Oil resistant	no
Radial water blocking	True
Resistant to chemicals	False
Scope of delivery	1x Cable, 1x Drum
Temperature Range (Installation)	-15 – 60 °C
Temperature Range (Operation)	-30 – 70 °C
Temperature Range (Storage)	-30 – 60 °C
Tube marking	Colour
Tube Ø	2.8 mm
Type of tube	Central tube
UV resistant	True
With rodent protection	True
With strain relief	True

Available variants

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ArtNr.	Bezeichnung	Cable Ø	Category	Number of fibres	Tensile force max.	Number of fibres per tube	Construct	Suitable for underground installation	Outer diameter approx.	Minimum bending radius (dynamic)	VDE-Name	Weight	Minimum bending radius (static)
55412D2E	INFRALAN® A-DQ(ZN)B2Y OS2 12E (1x12) 3000N PE black, 7.5mm G657A1	7.0 mm	OS2	12	3000 N	12	(1x12)	True	7 mm	20xOD mm	A-DQ(ZN)B2Y	48 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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