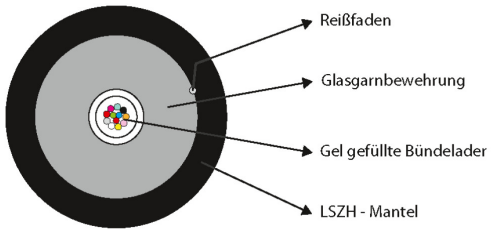
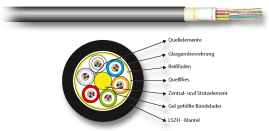
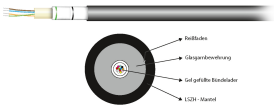
DATASHEET

INFRALAN® U-DQ(ZN)BH OM4 4G (1x4) Dca 1750N LSZH black 7.0mm







General data

Application:
For fixed installation indoor and outdoor
In cable ducts, tubes and interconnections
Mechanical installation by winch is permitted only when using force meters with recording function
Not suitable for underground laying (direct buried)

Characteristics:
Universale cable
Suitable for connector assembly

The cable diameter can vary

Technical properties

Application	Inside/outside
Armouring	True
Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	black

This datasheet was created automatically on 12-11-2026 . Technical changes reserved.

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WIR SORGEN FÜR VERBINDUNG
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Crush resistance	1500 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OM4
Fibre type	Multi mode 50/125
Flame retardant	acc. to EN 60332-3-24
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	EN 50575
IL max. (dB/km) 1300nm	0.7 dB/km
IL max. (dB/km) 850nm	2.5 dB/km
Longitudinal water blocking	True
Low smoke	True
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	True
Rayleigh Backscatter Coefficient 1300nm	1.478
Rayleigh Backscatter Coefficient 850nm	1.483
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
Tube marking	Colour
Tube Ø	3.5 mm
Type of tube	Central tube
UV resistant	True
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)

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54504.2L-CPR	INFRALAN® U-DQ(ZN)BH OM4 4G (1x4) Dca 1750N LSZH black 7.0mm	Dca	7.0 mm	OM4	4	1750 N	4	(1x4)	True	7.0 mm	0.71 MJ/m	20xOD mm	U-DQ(ZN)BH 4G50/125	55 kg/km	15xOD mm
54508.2L-CPR	INFRALAN® U-DQ(ZN)BH OM4 8G (1x8) Dca 1750N LSZH black 7.0mm	Dca	7.0 mm	OM4	8	1750 N	8	(1x8)	True	7.0 mm	0.71 MJ/m	20xOD mm	U-DQ(ZN)BH 8G50/125	55 kg/km	15xOD mm
54512.2L-CPR	INFRALAN® U-DQ(ZN)BH OM4 12G (1x12) Dca 1750N LSZH black 7.0mm	Dca	7.0 mm	OM4	12	1750 N	12	(1x12)	True	7.0 mm	0.71 MJ/m	20xOD mm	U-DQ(ZN)BH 12G50/125	55 kg/km	15xOD mm
54524.2L-CPR	INFRALAN® U-DQ(ZN)BH OM4 24G (1x24) Dca 1750N LSZH black 7.5mm	Dca	7.5 mm	OM4	24	1750 N	24	(1x24)	True	7.5 mm	0.79 MJ/m	20xOD mm	U-DQ(ZN)BH 24G50/125	55 kg/km	15xOD 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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