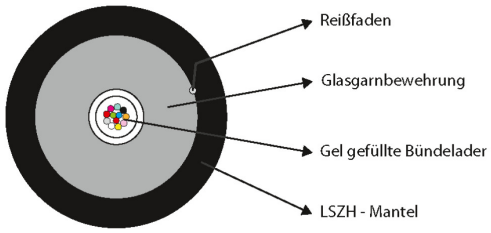
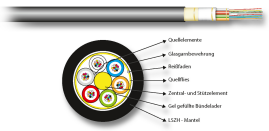
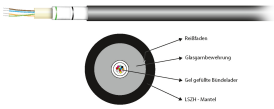
DATASHEET

INFRALAN® U-DQ(ZN)BH 8G 50/125µ, OM2, LSZH black CPR Dca









General data

Areas of application:
For connecting buildings
To the campus cabling
For direct burial (according to installation instructions)
For insertion in plastic pipe systems
For installation in cable ducts and on platforms
Saving of splicing work at building entrance

Characteristics:
Easy to process construction
Tearing thread for opening/removing the cable sheath
Gel-free cable construction for clean and quick installation
Small dimensions
High installation stability
Fire behaviour tested and certified according to
Construction Products Ordinance (see Euro Fire Class)

The cable diameter can vary

Technical properties

Application	Inside/outside

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DATASHEET

INFRALAN® U-DQ(ZN)BH 8G 50/125µ, OM2, LSZH black CPR Dca

Armouring	True
Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	black
Crush resistance	150 N/cm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OM2
Fibre type	Multi mode 50/125
Flame retardant	acc. to EN 60332-1
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	EN 50575
IL max. (dB/km) 1300nm	1.0 dB/km
IL max. (dB/km) 850nm	3.0 dB/km
Longitudinal water blocking	True
Low smoke	acc. to EN 61034-2
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
Temperature Range (Installation)	-5 – 50 °C
Temperature Range (Operation)	-20 – 60 °C
Temperature Range (Storage)	-40 – 70 °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

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Available variants

ArtNr.	Bezeichnung	CPR-Class	Cable Ø	Category	Number of fibres	Tensile force max.	Construct	Outer diameter approx.	VDE-Name	Weight
54208.1A-CPR	INFRALAN® U-DQ(ZN)BH 8G 50/125µ, OM2, LSZH black CPR Dca	Dca	6.0 mm	OM2	8	2000 N	(1x8)	6.0 mm	U-DQ(ZN)BH 8G50/125	40 kg/km
54224.1A-CPR	INFRALAN® U-DQ(ZN)BH 2x12G 50/125µ, OM2, LSZH black CPR Dca	Dca	7.2 mm	OM2	24	2000 N	(2x12)	7.2 mm	U-DQ(ZN)BH 24G50/125	52 kg/km

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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