



Application	Inside/outside
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DATASHEET

INFRALAN® U-DQ(ZN)BH 2x12G 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. 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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