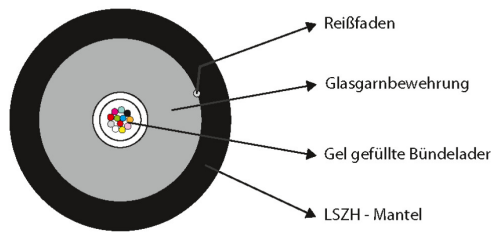


# DATASHEET

## INFRALAN® U-DQ(ZN)BH 4G 50/125μ, OM4, LSZH black CPR Dca



### 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

### Allgemeine Daten

UV resistance	True
Cable metal free	True
Colour outer sheath	black
Halogen free	acc. EN 60754-1/2
Armouring	True
Longitudinal water blocking	True
Blow in	False

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# DATASHEET

## INFRALAN® U-DQ(ZN)BH 4G 50/125μ, OM4, LSZH black CPR Dca

Application	Inside/outside
Material outer sheath	LSZH
Circuit integrity	False
With strain relief	True
Radial water blocking	False

### Mechanische Eigenschaften

Crush resistance	1500 N/dm
Longitudinally watertight	3/24 m/h

### Kabelaufbau

Fiber Colours	orange
Fibre type	Multi mode 50/125
Tube Ø	Up to 12 fibers: 3.5
Fiber marking	Colour
Tube marking	Colour
Type of tube	Central tube
Fibre category	OM4

### Kabelmantel

Euro Class	Dca
Oil resistant	No
Flame retardant	According to EN 60332-1-2
Low smoke	acc. EN 61034-2
Resistant to chemicals	False

### Umgebungsbedingungen

Temperature Range (Installation)	-5 - 50 °C
Temperature Range (Storage)	-25 - 70 °C
Temperature Range (Operation)	-20 - 60 °C

### Übertragungstechnische Eigenschaften

Rayleigh Backscatter Coefficient 1300nm	1.478
Rayleigh Backscatter Coefficient 850nm	1.483
IL max. (dB/km) 1300nm	0.7

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# DATASHEET

## INFRALAN® U-DQ(ZN)BH 4G 50/125μ, OM4, LSZH black CPR Dca

IL max. (dB/km) 850nm	2.5
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### Normen, Zulassungen, Zertifizierungen

Low smoke (according to EN 61034-2)	True
Harmonised Standard	EN 50575
Halogen free (according to EN 60754-1/2)	True
Transmission standards	IEEE 802.3 10Mbit to 100Gbit
Oil resistant (acc. EN 60811-2-1)	False
With rodent protection	True

### Available variants

ArtNr.	Bezeichnung	Construct	Brandlast	Biegeradius	VDE-Bezeichnung	Kabel Ø	Zugkraft Verlegung	Gewicht
54504.2L-CPR	INFRALAN® U-DQ(ZN)BH 4G 50/125μ, OM4, LSZH black CPR Dca	4G ( 1 x 4 ) Multimode OM4	0,71 MJ/m	140 mm	U-DQ(ZN)BH 4G50/125	7,0 mm	1750 N	55 kg/km
54508.2L-CPR	INFRALAN® U-DQ(ZN)BH 8G 50/125μ, OM4, LSZH black CPR Dca	8G ( 1 x 8 ) Multimode OM4	0,71 MJ/m	140 mm	U-DQ(ZN)BH 8G50/125	7,0 mm	1750 N	55 kg/km
54512.2L-CPR	INFRALAN® U-DQ(ZN)BH 12G 50/125μ, OM4, LSZH black CPR Dca	12G ( 1 x 12 ) Multimode OM4	0,71 MJ/m	140 mm	U-DQ(ZN)BH 12G50/125	7,0 mm	1750 N	55 kg/km
54524.2L-CPR	INFRALAN® U-DQ(ZN)BH 24G 50/125μ, OM4, LSZH black CPR Dca	24G ( 1 x 24 ) Multimode OM4	-	150 mm	U-DQ(ZN)BH 24G50/125	7,5 mm	1750 N	55 kg/km

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