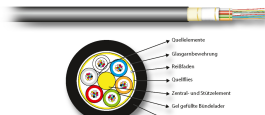
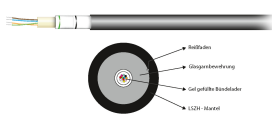
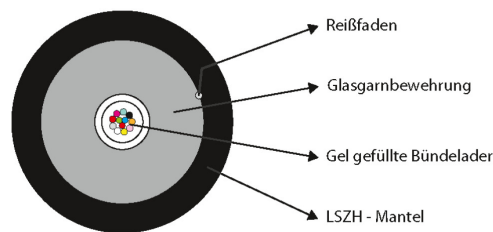


# DATASHEET

## INFRALAN® U-DQ(ZN)BH 12E 9/125µ, G657A, 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 12E 9/125μ, G657A, LSZH black CPR Dca

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

### Mechanische Eigenschaften

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

### Kabelaufbau

Fiber Colours	orange
Tube Ø	Up to 12 fibers: 3.5
Fiber marking	Colour
Tube marking	Colour
Type of tube	Central tube
Fibre type	Single mode 9/125
Fibre category	G657.A1

### Kabelmantel

Euro Class	Dca
Low smoke	acc. to EN 61034-2
Oil resistant	No
Flame retardant	According to EN 60332-1-2
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 1310nm	1.4676
IL max. (dB/km) 1550nm	0.22
IL max. (dB/km) 1310nm	0.36

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# DATASHEET

## INFRALAN® U-DQ(ZN)BH 12E 9/125μ, G657A, LSZH black CPR Dca

Rayleigh Backscatter Coefficient 1550nm	1.4682
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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	Biegeradius	VDE-Bezeichnung	Kabel Ø	Zugkraft Verlegung	Gewicht
54404.1L-CPR	INFRALAN® U-DQ(ZN)BH 4E 9/125μ, G657A, LSZH black CPR Dca	04E ( 1 x 4 ) Singlemode G.657.A1	140 mm	U-DQ(ZN)BH 4E9/125	7,0 mm	1750 N	55 kg/km
54408.1L-CPR	INFRALAN® U-DQ(ZN)BH 8E 9/125μ, G657A, LSZH black CPR Dca	08E ( 1 x 8 ) Singlemode G.657.A1	140 mm	U-DQ(ZN)BH 8E9/125	7,0 mm	1750 N	55 kg/km
54412.1L-CPR	INFRALAN® U-DQ(ZN)BH 12E 9/125μ, G657A, LSZH black CPR Dca	12E ( 1 x 12 ) Singlemode G.657.A1	140 mm	U-DQ(ZN)BH 12E9/125	7,0 mm	1750 N	55 kg/km
54424.1L-CPR	INFRALAN® U-DQ(ZN)BH 24E 9/125μ, G657A, LSZH black CPR Dca	24E ( 1 x 24 ) Singlemode G.657.A1	150 mm	U-DQ(ZN)BH 24E9/125	7,5 mm	1750 N	55 kg/km

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