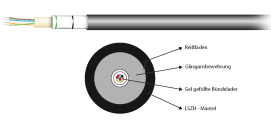
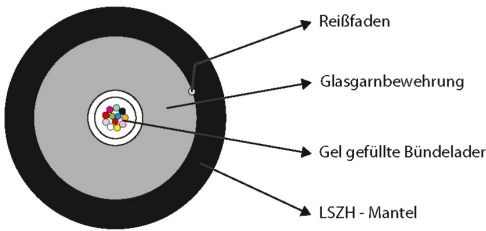


DATASHEET

INFRALAN® U-DQ(ZN)BH OS2 4E (1x4) Dca 1750N LSZH
black 7.0mm G657A1



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
Longitudinal water blocking	True
Application	Inside/outside
With strain relief	True
Radial water blocking	False

General data

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION



DATASHEET

**INFRALAN® U-DQ(ZN)BH OS2 4E (1x4) Dca 1750N LSZH
black 7.0mm G657A1**

Cable metal free	True
Colour outer sheath	black
(Halogenfree)	acc. EN 60754-1/2
Armouring	True
Blow in	False
Circuit integrity	False

Mechanical characteristics

Crush resistance	1500 N/dm
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Mechanische Eigenschaften

Longitudinally watertight	3/24 m/h
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Kabelaufbau

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

Cable sheath

Low smoke	acc. to EN 61034-2
Oil resistant	No
Flame-retardant	According to EN 60332-1-2
Jacket Material	LSZH

Kabelmantel

Resistant to chemicals	False
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Umgebungsbedingungen

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

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DATASHEET

INFRALAN® U-DQ(ZN)BH OS2 4E (1x4) Dca 1750N LSZH black 7.0mm G657A1

Transmission characteristics	
Rayleigh Backscatter Coefficient 1310nm	1.4676
Rayleigh Backscatter Coefficient 1550nm	1.4682

Übertragungstechnische Eigenschaften	
IL max. (dB/km) 1550nm	0.22
IL max. (dB/km) 1310nm	0.36

Normen, Zulassungen, Zertifizierungen	
Transmission standards	IEEE 802.3 10Mbit to 100Gbit
With rodent protection	True

Standards, approvals, certifications	
Low smoke (according to EN 61034-2)	True
Harmonised Standard	EN 50575
Halogen free (according to EN 60754-1/2)	True
Oil resistant (acc. EN 60811-2-1)	False

Available variants											
ArtNr.	Bezeichnung	CPR-Class	Cable Ø	Category	Number of fibres	Tensile force max.	Aufbau	Außendurchmesser ca.	Biegeradius	VDE-Bezeichnung	Gewicht
54404.1L-CPR	INFRALAN® U-DQ(ZN)BH OS2 4E (1x4) Dca 1750N LSZH black 7.0mm G657A1	Dca	7.0 mm	OS2	4	1750 N	04E (1 x 4) Singlemode G.657.A1	7,0 mm	140 mm	U-DQ(ZN)BH 4E9/125	55 kg/km
54408.1L-CPR	INFRALAN® U-DQ(ZN)BH OS2 8E (1x8) Dca 1750N LSZH black 7.0mm G657A1	Dca	7.0 mm	OS2	8	1750 N	08E (1 x 8) Singlemode G.657.A1	7,0 mm	140 mm	U-DQ(ZN)BH 8E9/125	55 kg/km
54412.1L-CPR	INFRALAN® U-DQ(ZN)BH OS2 12E (1x12) Dca 1750N LSZH black 7.0mm G657A1	Dca	7.0 mm	OS2	12	1750 N	12E (1 x 12) Singlemode G.657.A1	7,0 mm	140 mm	U-DQ(ZN)BH 12E9/125	55 kg/km

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DATASHEET

INFRALAN® U-DQ(ZN)BH OS2 4E (1x4) Dca 1750N LSZH
black 7.0mm G657A1

54424.1L-CPR	INFRALAN® U-DQ(ZN)BH OS2 24E (1x24) Dca 1750N LSZH black 7.5mm G657A1	Dca	7.5 mm	OS2	24	1750 N	24E (1 x 24) Singlemode G.657.A1	7,5 mm	150 mm	U-DQ(ZN)BH 24E9/125	55 kg/km
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