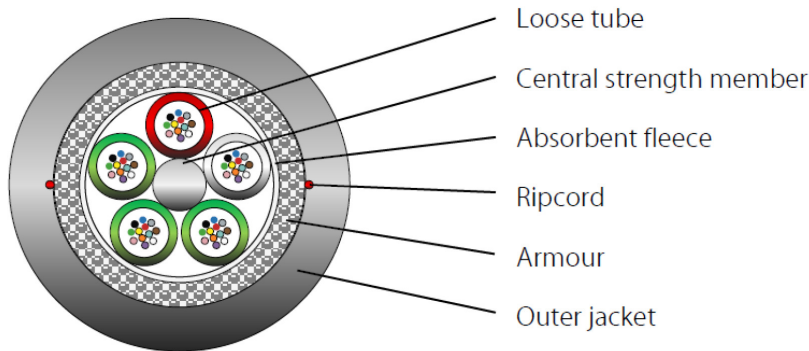


DATASHEET

**INFRALAN® U-DQ(ZN)BH OM3 8G (1x8) B2ca 5000N LSZH
black 11.2mm**



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

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

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DATASHEET

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Blow in	False
Circuit integrity	False

Mechanical characteristics

Crush resistance	3000 N/dm
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Mechanische Eigenschaften

Longitudinally watertight	3/24 m/h
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Kabelaufbau

Fiber Colours	orange
Fibre type	Multi mode 50/125
Fiber marking	Colour
Tube marking	Colour
Fibre category	OM3
Type of tube	Stranded loose tube

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 (Operation)	-40 - 80 °C
Temperature Range (Installation)	-5 - 60 °C
Temperature Range (Storage)	-40 - 80 °C

Transmission characteristics

Rayleigh Backscatter Coefficient 1300nm	1.478
Rayleigh Backscatter Coefficient 850nm	1.483

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DATASHEET

INFRALAN® U-DQ(ZN)BH OM3 8G (1x8) B2ca 5000N LSZH black 11.2mm

Übertragungstechnische Eigenschaften

IL max. (dB/km) 1300nm	0.7
IL max. (dB/km) 850nm	2.5

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 of fibres	Number of fibres	Tensile force max.	Aufbau	Außendurchmesser ca.	Biegeradius	VDE-Bezeichnung	Gewicht
54408.3LOM3-CPR	INFRALAN® U-DQ(ZN)BH OM3 8G (1x8) B2ca 5000N LSZH black 11.2mm	B2ca	11.2 mm	OM3	8	5000 N	8G (1 x 8) Multimode OM3	11,2 mm	170 mm	U-DQ(ZN)BH 8G50/125	136 kg/km
54412.3LOM3-CPR	INFRALAN® U-DQ(ZN)BH OM3 12G (1x12) B2ca 5000N LSZH black 11.2mm	B2ca	11.2 mm	OM3	12	5000 N	12G (1 x 12) Multimode OM3	11,2 mm	170 mm	U-DQ(ZN)BH 12G50/125	136 kg/km
54424.3LOM3-CPR	INFRALAN® U-DQ(ZN)BH OM3 24G (2x12) B2ca 5000N LSZH black 11.2mm	B2ca	11.2 mm	OM3	24	5000 N	24G (2 x 12) Multimode OM3	11,2 mm	170 mm	U-DQ(ZN)BH 24G50/125	136 kg/km
54448.3LOM3-CPR	INFRALAN® U-DQ(ZN)BH OM3 48G (4x12) B2ca 5000N LSZH black 11.2mm	B2ca	11.2 mm	OM3	48	5000 N	48G (4 x 12) Multimode OM3	11,2 mm	170 mm	U-DQ(ZN)BH 48G50/125	136 kg/km

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