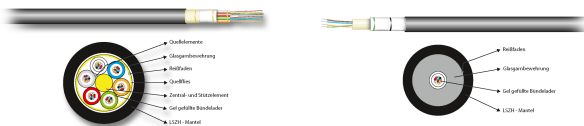
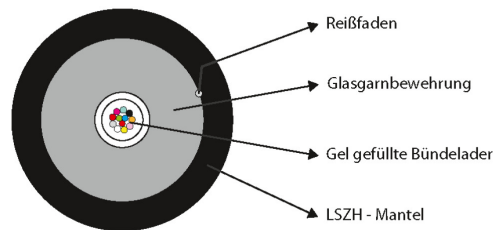


DATASHEET

**INFRALAN® U-DQ(ZN)BH OM3 8G (1x8) Dca 1750N LSZH
black 7.0mm**



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
Blow in	False
Application	Inside/outside
Jacket Material	LSZH
With strain relief	True
Radial water blocking	False

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DATASHEET

INFRALAN® U-DQ(ZN)BH OM3 8G (1x8) Dca 1750N LSZH black 7.0mm

General data

Cable metal free	True
Colour outer sheath	black
Halogen free	acc. EN 60754-1/2
Armouring	True
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
Fibre type	Multi mode 50/125
Tube Ø	Up to 12 fibers: 3.5
Fiber marking	Colour
Tube marking	Colour
Fibre category	OM3
Type of tube	Central tube

Cable sheath

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

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 OM3 8G (1x8) Dca 1750N LSZH black 7.0mm

Transmission characteristics

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

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	Construct	Biegeradius VDE-Bezeichnung		Kabel Ø	Zugkraft Verlegung	Gewicht
54504.1L-CPR	INFRALAN® U-DQ(ZN)BH OM3 4G (1x4) Dca 1750N LSZH black 7.0mm	4G (1 x 4) Multimode OM3	140 mm	U-DQ(ZN)BH 4G50/125	7,0 mm	1750 N	55 kg/km
54508.1L-CPR	INFRALAN® U-DQ(ZN)BH OM3 8G (1x8) Dca 1750N LSZH black 7.0mm	8G (1 x 8) Multimode OM3	140 mm	U-DQ(ZN)BH 8G50/125	7,0 mm	1750 N	55 kg/km
54512.1L-CPR	INFRALAN® U-DQ(ZN)BH OM3 12G (1x12) Dca 1750N LSZH black 7.0mm	12G (1 x 12) Multimode OM3	140 mm	U-DQ(ZN)BH 12G50/125	7,0 mm	1750 N	55 kg/km
54524.1L-CPR	INFRALAN® U-DQ(ZN)BH OM3 24G (1x24) Dca 1750N LSZH black 7.5mm	24G (1 x 24) Multimode OM3	150 mm	U-DQ(ZN)BH 24G50/125	7,5 mm	1750 N	55 kg/km

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