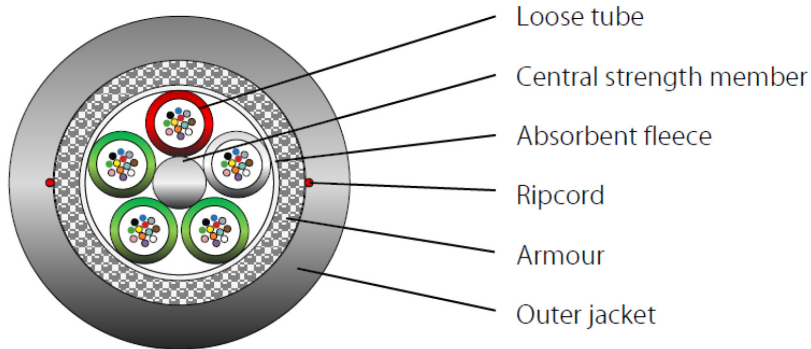


DATASHEET

**INFRALAN® U-DQ(ZN)BH 48G 50/125μ, OM4, LSZH black
CPR-B2CA**



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

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DATASHEET

INFRALAN® U-DQ(ZN)BH 48G 50/125μ, OM4, LSZH black CPR-B2CA

Radial water blocking	False
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Mechanische Eigenschaften

Crush resistance	3000 N/dm
Longitudinally watertight	3/24 m/h

Kabelaufbau

Fiber Colours	orange
Fibre type	Multi mode 50/125
Fiber marking	Colour
Tube marking	Colour
Fibre category	OM4
Type of tube	Stranded loose tube

Kabelmantel

Oil resistant	No
Flame retardant	According to EN 60332-1-2
Low smoke	acc. EN 61034-2
Resistant to chemicals	False
Euro Class	B2ca

Umgebungsbedingungen

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

Übertragungstechnische Eigenschaften

Rayleigh Backscatter Coefficient 1300nm	1.478
Rayleigh Backscatter Coefficient 850nm	1.483
IL max. (dB/km) 1300nm	0.7
IL max. (dB/km) 850nm	2.5

Normen, Zulassungen, Zertifizierungen

Low smoke (according to EN 61034-2)	True
Harmonised Standard	EN 50575

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DATASHEET

INFRALAN® U-DQ(ZN)BH 48G 50/125μ, OM4, LSZH black CPR-B2CA

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
54408.3LOM4-CPR	INFRALAN® U-DQ(ZN)BH 8G 50/125μ, OM4, LSZH black CPR-B2CA	8G (1 x 8) Multimode OM4	170 mm	U-DQ(ZN)BH 8G50/125	11,2 mm	5000 N	136 kg/km
54412.3LOM4-CPR	INFRALAN® U-DQ(ZN)BH 12G 50/125μ, OM4, LSZH black CPR-B2CA	12G (1 x 12) Multimode OM4	170 mm	U-DQ(ZN)BH 12G50/125	11,2 mm	5000 N	136 kg/km
54424.3LOM4-CPR	INFRALAN® U-DQ(ZN)BH 24G 50/125μ, OM4, LSZH black CPR-B2CA	24G (2 x 12) Multimode OM4	170 mm	U-DQ(ZN)BH 24G50/125	11,2 mm	5000 N	136 kg/km
54448.3LOM4-CPR	INFRALAN® U-DQ(ZN)BH 48G 50/125μ, OM4, LSZH black CPR-B2CA	48G (4 x 12) Multimode OM4	170 mm	U-DQ(ZN)BH 48G50/125	11,2 mm	5000 N	136 kg/km

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