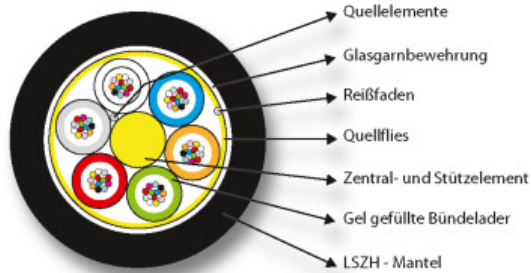


# DATASHEET

## U-DQ(ZN)BH 50/125 $\mu$ OM2 5000N



OM 2



### Description

#### 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

### General data

Application	indoor/outdoor
Blow in	No
Radial water blocking	False
Longitudinal water blocking	True
UV resistant	True
Cable metal free	True
With rodent protection	True
Circuit integrity	No

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## U-DQ(ZN)BH 50/125 $\mu$ OM2 5000N

### Mechanical characteristics

Crush resistance	150 N/dm
Longitudinally watertight	3/24 m/h

### Cable construction

Fibre type	Multimode 50/125
Fibre category	OM2
Type of tube	Central loose tube
Cable $\varnothing$	2.3 mm
Fiber marking	Colour
Tube marking	Colour
Strain relief	True
Armouring	True

### Cable sheath

Material outer sheath	LSZH
Euro Class	Eca
Colour outer sheath	black
Flame retardant	acc. EN 60332-3-24
Halogen free	acc. EN 60754-1/2
Low smoke	acc. EN 61034-2
Oil resistant	No
Resistant to chemicals	False

### Environmental conditions

Temperature Range (Operation)	-40 – 80 °C
Temperature Range (Storage)	-40 – 80 °C
Temperature Range (Installation)	-20 – 60 °C

### Transmission characteristics

Rayleigh Backscatter Coefficient 850nm	1,483
Rayleigh Backscatter Coefficient 1300nm	1,478
IL max. (dB/km) 850nm	3,0
IL max. (dB/km) 1300nm	1,0

### Standards, approvals, certifications

Harmonized standard	EN 50575
Transmission standards	IEEE 802.3 10Mbit to 100Gbit

### Available variants

# DATASHEET

## U-DQ(ZN)BH 50/125 $\mu$ OM2 5000N

Article no.	Title	VDE-Name	Construct	Cable $\emptyset$ Weight		Bending radius	Tensile Force
54248.1L-CPR	INFRALAN® U-DQ(ZN)BH 4x12G 50/125 $\mu$ , OM2, LSZH black CPR Eca	U-DQ(ZN)BH 4x12G50/125	48G ( 4 x 12 ) Multimode OM2	11.2 mm	130 kg/km	170 mm	5000 N

### accessory

39926.1	Miller® Fiber Cleaning Tapes
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