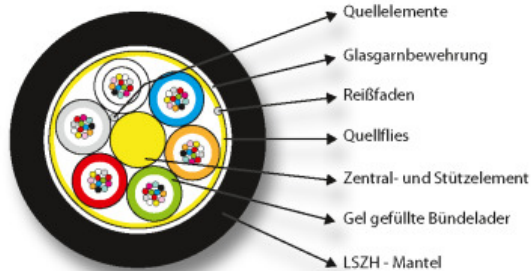


# DATASHEET

## U-DQ(ZN)BH 9/125µ G657A 5000N



INFRALAN®



G657A1



### 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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### Mechanical characteristics

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

### Cable construction

Fibre type	Singlemode
Fibre category	G657.A1
Type of tube	Central loose tube
Cable $\emptyset$	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 1310nm	1,4676
Rayleigh Backscatter Coefficient 1550nm	1,4682
IL max. (dB/km) 1310nm	0,36
IL max. (dB/km) 1550nm	0,22

### Standards, approvals, certifications

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

### Available variants

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## U-DQ(ZN)BH 9/125 $\mu$ G657A 5000N

Article no.	Title	VDE-Name	Construct	Cable $\emptyset$	Weight	Bending radius	Tensile Force
544144.1L	U-DQ(ZN)BH 12x12 E9 G657A LSZH black,CPR Eca	U-DQ(ZN)BH 144E9/125	144E ( 12 x 12 ) Singlemode G.657.A1	16.0 mm	240 kg/km	240 mm	5000 N
54448.1L-CPR	INFRALAN® U-DQ(ZN)BH 48E 9/125 $\mu$ , G657A, LSZH black CPR Eca	U-DQ(ZN)BH 48E9/125	48E (4 x 12) singlemode G.657.A1	11.2 mm	130 kg/km	170 mm	5000 N
54496.1L-CPR	INFRALAN® U-DQ(ZN)BH 96E 9/125 $\mu$ , G657A, LSZH black CPR Eca	U-DQ(ZN)BH 96E9/125	96E (8 x 12) singlemode G.657.A1	13.1 mm	165 kg/km	200 mm	5000 N

### accessory

39926.1 | Miller® Fiber Cleaning Tapes