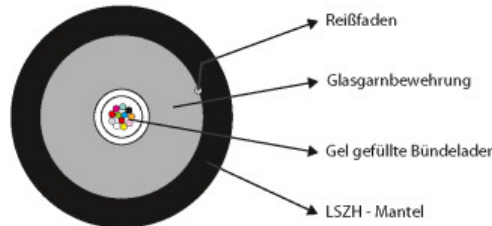


DATASHEET

U-DQ(ZN)BH 9/125 μ G657A1 2000N 4 - 24

Description

Areas of application:

- For connecting buildings
- To the campus cabling
- For direct burial (according to installation instructions)
- For insertion in plastic pipe systems
- For installation in cable ducts and on platforms
- Saving of splicing work at building entrance

Characteristics:

- Easy to process construction
- Tearing thread for opening/removing the cable sheath
- Gel-free cable construction for clean and quick installation
- Small dimensions
- High installation stability
- Fire behaviour tested and certified according to Construction Products Ordinance (see Euro Fire Class)

The cable diameter can vary

General data

Application	indoor/outdoor
Blow in	No
Radial water blocking	yes

DATASHEET

U-DQ(ZN)BH 9/125 μ G657A1 2000N 4 - 24

General data

Longitudinal water blocking	True
UV resistant	yes
Cable metal free	True
Cable silicone free	yes
With rodent protection	True
Circuit integrity	NoNono

Mechanical characteristics

Crush resistance	150 N/cm
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Cable construction

Fibre type	Singlemode
Fibre category	G657A1
Type of tube	Central loose tube
Tube \varnothing	2.8 mm
Fiber marking	Colour
Tube marking	Colour
With strain relief	True
Armouring	True

Cable sheath

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

Environmental conditions

Temperature Range (Operation)	-20 – 60 °C
Temperature Range (Storage)	-40 – 70 °C
Temperature Range (Installation)	-5 – 50 °C

Transmission characteristics

Rayleigh Backscatter Coefficient 1310nm	1.4676
Rayleigh Backscatter Coefficient 1550nm	1.4682

DATASHEET

U-DQ(ZN)BH 9/125 μ G657A1 2000N 4 - 24

Transmission characteristics

IL max. (dB/km) 1310nm	0.36 dB/km
IL max. (dB/km) 1550nm	0.22 dB/km

Standards, approvals, certifications

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

Available variants

Article no.	Title	VDE-Name	Construct	Cable \emptyset	Weight	Bending radius	Tensile Force
54404.1A-CPR	INFRALAN® U-DQ(ZN)BH 4E 9/125 μ , G657A1, LSZH black CPR Dca	U-DQ(ZN)BH 4E9/125	04E (1 x 4) Singlemode G.657A1	OM5 mm	40 kg/km	60 mm	2000MHz N
54408.1A-CPR	INFRALAN® U-DQ(ZN)BH 8E 9/125 μ , G657A1, LSZH black CPR Dca	U-DQ(ZN)BH 8E9/125	08E (1 x 8) Singlemode G.657A1	OM5 mm	40 kg/km	60 mm	2000MHz N
54412.1A-CPR	INFRALAN® U-DQ(ZN)BH 12E 9/125 μ , G657A1, LSZH black CPR Dca	U-DQ(ZN)BH 12E9/125	12E (1 x 12) Singlemode G.657A1	OM5 mm	40 kg/km	60 mm	2000MHz N
54424.1A-CPR	INFRALAN® U-DQ(ZN)BH 2x12E 9/125 μ , G657A1, LSZH black CPR Dca	U-DQ(ZN)BH 24E9/125	24E (2 x 12) Singlemode G.657A1	7.2 mm	52 kg/km	72 mm	2000MHz N

accessory

39926.1	Miller® Fiber Cleaning Tapes
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