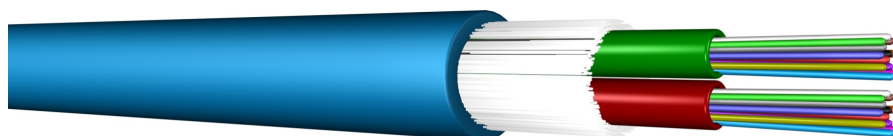


DATASHEET

U-DQ(ZN)BH OS2 24E (2x12), Eca 3000N LSZH black 8mm
G657A1



General data

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

Technical properties

Application	Inside/outside
Armouring	True
Blow in	False
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	black
Crush resistance	150 N/cm
Fiber Colours	white
Fiber marking	Colour

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DATASHEET

U-DQ(ZN)BH OS2 24E (2x12), Eca 3000N LSZH black 8mm G657A1

Fibre category	OS2 G657A1
Fibre type	Single mode 9/125
Flame retardant	acc. to EN 60332-1
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	EN 50575
IL max. (dB/km) 1310nm	0.36 dB/km
IL max. (dB/km) 1550nm	0.22 dB/km
Longitudinal water blocking	True
Low smoke	acc. EN 61034-2
Low smoke (acc. EN 61034-2)	True
Material outer sheath	LSZH
Oil resistant	no
Oil resistant (acc. EN 60811-2-1)	False
Radial water blocking	True
Rayleigh Backscatter Coefficient 1310nm	1.4676
Rayleigh Backscatter Coefficient 1550nm	1.4682
Resistant to chemicals	False
Temperature Range (Installation)	-5 - 50 °C
Temperature Range (Operation)	-20 - 60 °C
Temperature Range (Storage)	-40 - 70 °C
Tube marking	Colour
Tube Ø	2.8 mm
Type of tube	Central tube
UV resistant	True
With rodent protection	True
With strain relief	True

Available variants

ArtNr.	Bezeichnung	CPR-Class	Cable Ø	Category	Number of fibres	Tensile force max.	Number of fibres per tube	Construct	VDE-Name
U24S2E0	U-DQ(ZN)BH OS2 24E (2x12), Eca 3000N LSZH black 8mm G657A1	Eca	8.0 mm	OS2	24	3000 N	12	(2x12)	U-DQ(ZN)BH 2x12

Note on Intended Use

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DATASHEET

U-DQ(ZN)BH OS2 24E (2x12), Eca 3000N LSZH black 8mm G657A1

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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