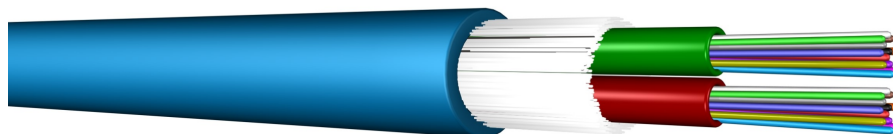


# DATASHEET

U-DQ(ZN)BH OM4 24G (2x12), Eca 3000N LSZH black 8mm



## 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         |
| Fibre category      | OM4            |

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# DATASHEET

## U-DQ(ZN)BH OM4 24G (2x12), Eca 3000N LSZH black 8mm

|                                         |                      |
|-----------------------------------------|----------------------|
| 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<br>Ø | Category | Number<br>of fibres | Tensile<br>force<br>max. | Number<br>of fibres<br>per tube | Construct | VDE-Name           |
|---------|--------------------------------------------------------------|-----------|------------|----------|---------------------|--------------------------|---------------------------------|-----------|--------------------|
| U24M4E0 | U-DQ(ZN)BH OM4<br>24G (2x12), Eca<br>3000N LSZH black<br>8mm | Eca       | 8.0<br>mm  | OM4      | 24                  | 3000 N                   | 12                              | (2x12)    | U-DQ(ZN)BH<br>2x12 |

### Note on Intended Use

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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