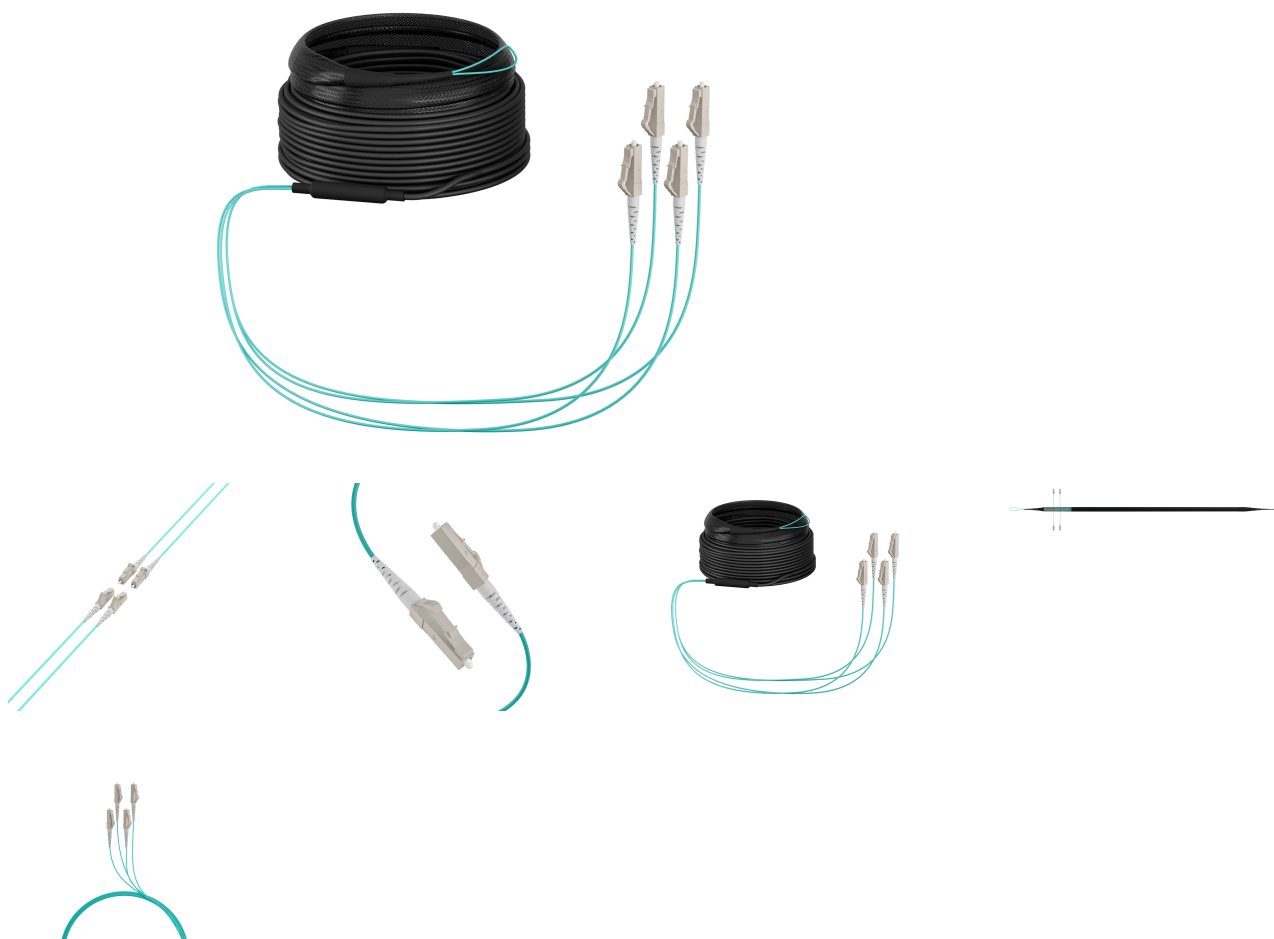


# DATASHEET

## Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,30m Dca LSZH



### General data

#### EFB-Elektronik sets standards in high quality

For many years, EFB-Elektronik has been offering individual fiber optic assemblies from its own production for insertion into cable ducts and shafts. Now there is also a standard line, which is kept in stock. These are pre-assembled trunk cables with LC connectors in the OS2, OM3 and OM4 categories. The stocked lengths can be found in the overview below.

#### Advantages:

**Fast delivery:** standard lengths up to 200 m in standard quantities available from stock

**Reduction of installation costs:** No splicing and assembly equipment required

**Reduced installation time:** cable ready for direct installation

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**Traceable quality:** cable with serial number and measurement protocol

### Performance features:

4, 8 or 12 fibers per cable

Fibre class OS2, OM3 or OM4

Factory production, polishing and function test

Double-sided assembled stepped cable whips (longest length 1 m)

Identification of the remote individual cables with cable markers (numbers)

Serial number on the cable

Attenuation protocol for each individual fiber is provided

Delivery on both sides with fabric hose as drawing-in tube

Delivery up to 40 m in polybag, from 50 m on disposable drum

Raw cable: CPR-Class Dca

Length of the draw-in tube of 130cm, diameter: 4 fiber approx. 10mm, 8 fiber approx. 15mm, 12 fiber approx. 20mm

### Technical properties

|                                |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| Anti-kink sleeve               | put-on                                                               |
| Bend optimized fiber           | no                                                                   |
| Cable structure                | Multifiber                                                           |
| Cable type                     | U-DQ (ZN) BH                                                         |
| Cable Ø                        | 5.8 mm                                                               |
| Category                       | OM3                                                                  |
| Colour outer sheath            | black                                                                |
| Dimension Cable divider        | 11.5 x 92 mm                                                         |
| Fibre type                     | Multi mode 50/125                                                    |
| Flame retardant                | Yes                                                                  |
| Insertion loss 850nm           | < 3,5 dB                                                             |
| Material outer sheath          | LSZH                                                                 |
| Max. Tension (long term)       | 300 N                                                                |
| Min. Bending radius (Dynamic)  | 20xOD mm                                                             |
| Min. Bending radius (Static)   | 10xOD mm                                                             |
| Number of fibres               | 4                                                                    |
| Operating Temperature          | -40 - 70 °C                                                          |
| Packaging                      | Polybag                                                              |
| Scope of delivery              | Cable, measurement protocol, GPSR instruction leaflet, insertion aid |
| Storage Temperature            | -40 - 70 °C                                                          |
| Type of connector connection 1 | LC                                                                   |
| Type of connector connection 2 | LC                                                                   |

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## Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,30m Dca LSZH

### Available variants

| ArtNr.       | Bezeichnung                                             | Length | Outer diameter sheath single fibre | Length tolerance |
|--------------|---------------------------------------------------------|--------|------------------------------------|------------------|
| O8303S100OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,100m Dca LSZH | 100 m  | 2 mm                               | ±5 %             |
| O8303S100M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,10m Dca LSZH  | 10 m   | 2 mm                               | ±5 %             |
| O8303S110OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,110m Dca LSZH | 110 m  | 2 mm                               | ±5 %             |
| O8303S120OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,120m Dca LSZH | 120 m  | 2 mm                               | ±5 %             |
| O8303S130OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,130m Dca LSZH | 130 m  | 2 mm                               | ±5 %             |
| O8303S140OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,140m Dca LSZH | 140 m  | 2 mm                               | ±5 %             |
| O8303S150OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,150m Dca LSZH | 150 m  | 2 mm                               | ±5 %             |
| O8303S160OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,160m Dca LSZH | 160 m  | 2 mm                               | ±5 %             |
| O8303S170OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,170m Dca LSZH | 170 m  | 2 mm                               | ±5 %             |
| O8303S180OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,180m Dca LSZH | 180 m  | 2 mm                               | ±5 %             |
| O8303S190OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,190m Dca LSZH | 190 m  | 2 mm                               | ±5 %             |
| O8303S200OM3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,200m Dca LSZH | 200 m  | 2 mm                               | ±5 %             |
| O8303S200M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,20m Dca LSZH  | 20 m   | 2 mm                               | ±5 %             |
| O8303S300M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,30m Dca LSZH  | 30 m   | 2 mm                               | ±5 %             |
| O8303S400M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,40m Dca LSZH  | 40 m   | 2 mm                               | ±5 %             |
| O8303S500M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,50m Dca LSZH  | 50 m   | 2 mm                               | ±5 %             |
| O8303S600M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,60m Dca LSZH  | 60 m   | 2 mm                               | ±5 %             |
| O8303S700M3  | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,70m Dca LSZH  | 70 m   | 2 mm                               | ±5 %             |

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|             |                                                        |      |      |      |
|-------------|--------------------------------------------------------|------|------|------|
| O8303S800M3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,80m Dca LSZH | 80 m | 2 mm | ±5 % |
| O8303S900M3 | Trunk cable U-DQ(ZN)BH OM3 4G (1x4) LC-LC,90m Dca LSZH | 90 m | 2 mm | ±5 % |

### 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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