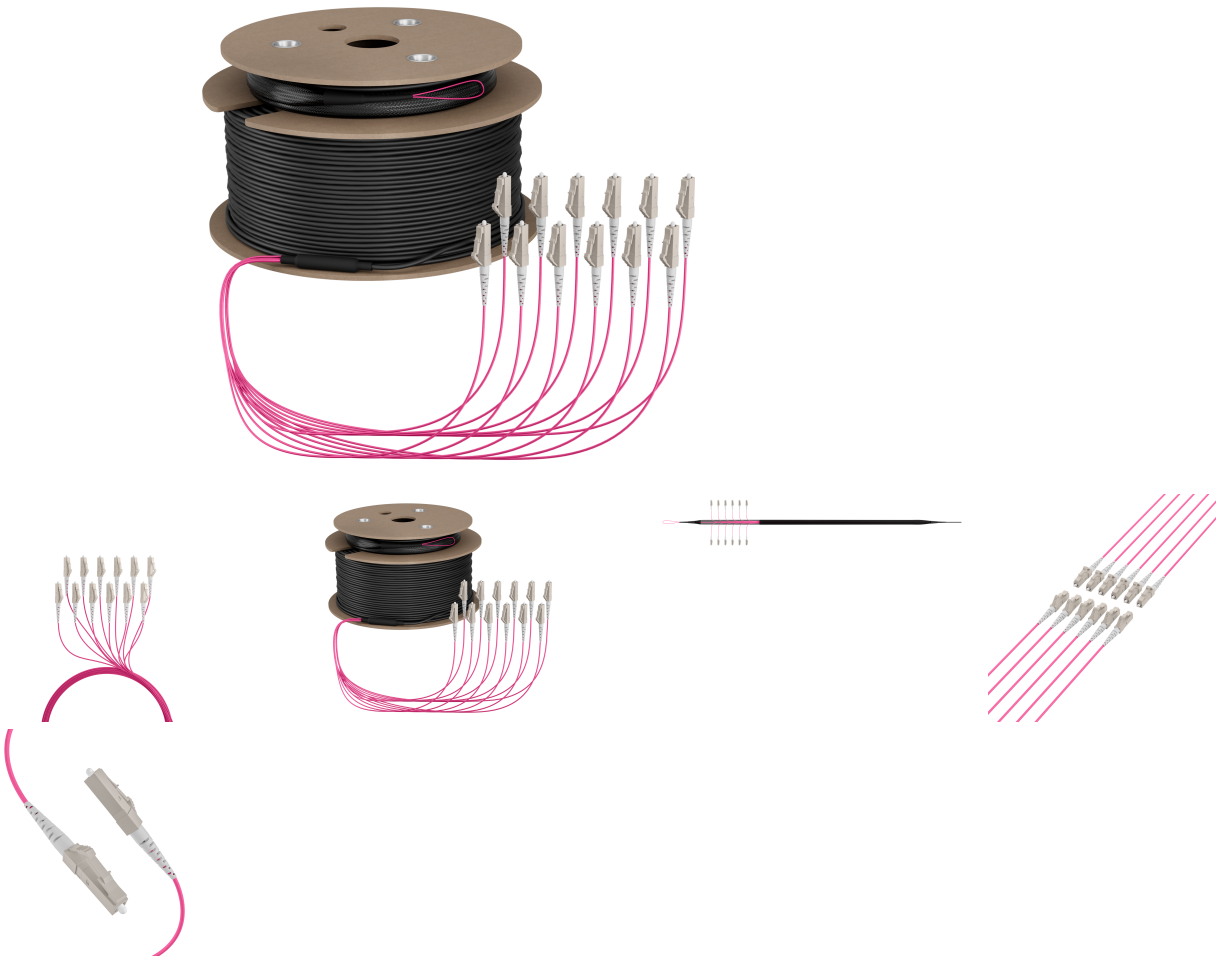
# DATASHEET

## Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,180m 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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## Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,180m Dca LSZH

**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 | OM4 |
| Colour outer sheath | black |
| Dimension Cable divider | 11.5 x 352 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 | 12 |
| 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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**Available variants**

| ArtNr. | Bezeichnung | Length | Outer diameter sheath single fibre | Length tolerance |
|---|---|---|---|---|
| O8342S100OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,100m Dca LSZH | 100 m | 2 mm | ±5 % |
| O8342S10OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,10m Dca LSZH | 10 m | 2 mm | ±5 % |
| O8342S110OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,110m Dca LSZH | 110 m | 2 mm | ±5 % |
| O8342S120OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,120m Dca LSZH | 120 m | 2 mm | ±5 % |
| O8342S130OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,130m Dca LSZH | 130 m | 2 mm | ±5 % |
| O8342S140OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,140m Dca LSZH | 140 m | 2 mm | ±5 % |
| O8342S150OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,150m Dca LSZH | 150 m | 2 mm | ±5 % |
| O8342S160OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,160m Dca LSZH | 160 m | 2 mm | ±5 % |
| O8342S170OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,170m Dca LSZH | 170 m | 2 mm | ±5 % |
| O8342S180OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,180m Dca LSZH | 180 m | 2 mm | ±5 % |
| O8342S190OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,190m Dca LSZH | 190 m | 2 mm | ±5 % |
| O8342S200OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,200m Dca LSZH | 200 m | 2 mm | ±5 % |
| O8342S20OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,20m Dca LSZH | 20 m | 2 mm | ±5 % |
| O8342S30OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,30m Dca LSZH | 30 m | 2 mm | ±5 % |
| O8342S40OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,40m Dca LSZH | 40 m | 2 mm | ±5 % |
| O8342S50OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,50m Dca LSZH | 50 m | 2 mm | ±5 % |
| O8342S60OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,60m Dca LSZH | 60 m | 2 mm | ±5 % |
| O8342S70OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,70m Dca LSZH | 70 m | 2 mm | ±5 % |

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| | | | | |
|---|---|---|---|---|
| O8342S80OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,80m Dca LSZH | 80 m | 2 mm | ±5 % |
| O8342S90OM4 | Trunkcable U-DQ(ZN)BH OM4 12G (1x12) 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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