# DATASHEET

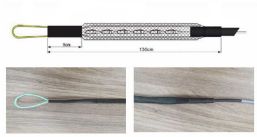
## Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 90m













### General data

**EFB sets standards in high quality**

For many years, EFB 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
**Traceable quality:** cable with serial number and measurement protocol

**Performance features:**

**This datasheet was created automatically on 05-11-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 90m

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 | 6.0 mm |
| Category | OM3 |
| Colour outer sheath | black |
| Dimension Cable divider | 11.5 x 50 mm |
| Fibre type | Multimode 50/125 |
| Flame retardant | Yes |
| Insertion loss 850nm | < 0.3 dB |
| Material outer sheath | LSZH |
| Max. Tension (long term) | 200 N |
| Min. Bending radius (Dynamic) | 180 mm |
| Min. Bending radius (Static) | 90 mm |
| Number of fibres | 12 |
| Operating Temperature | 0 – 50 °C |
| Storage Temperature | -20 – 70 °C |
| Type of connector connection 1 | LC |
| Type of connector connection 2 | 12 x LC |

**Available variants**

| ArtNr. | Bezeichnung | Length | Length tolerance |
|---|---|---|---|
| O8342L140OM3 | Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 140m | 140.0 m | ±5 % |
| O8342L160OM3 | Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 160m | 160 m | ±5 % |
| O8342L170OM3 | Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 170m | 170.0 m | ±5 % |

**This datasheet was created automatically on 05-11-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 90m

| | | | |
|---|---|---|---|
| O8342L180OM3 | Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 180m | 180 m | ±5 % |
| O8342L90OM3 | Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 90m | 90.0 m | ±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.



EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de