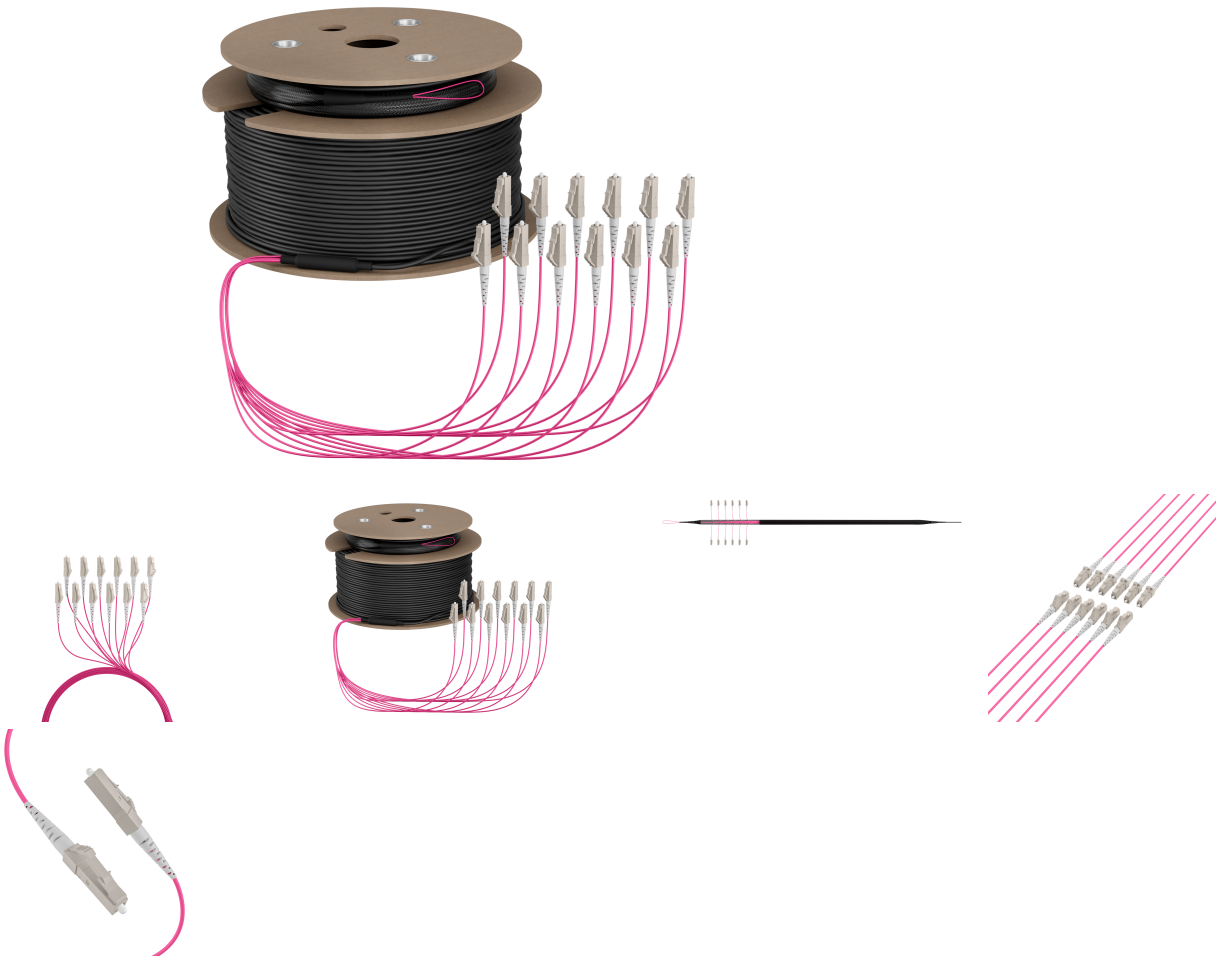
DATASHEET

Trunkcable U-DQ(ZN)BH OM4 12G (1x12) LC-LC,170m 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	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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