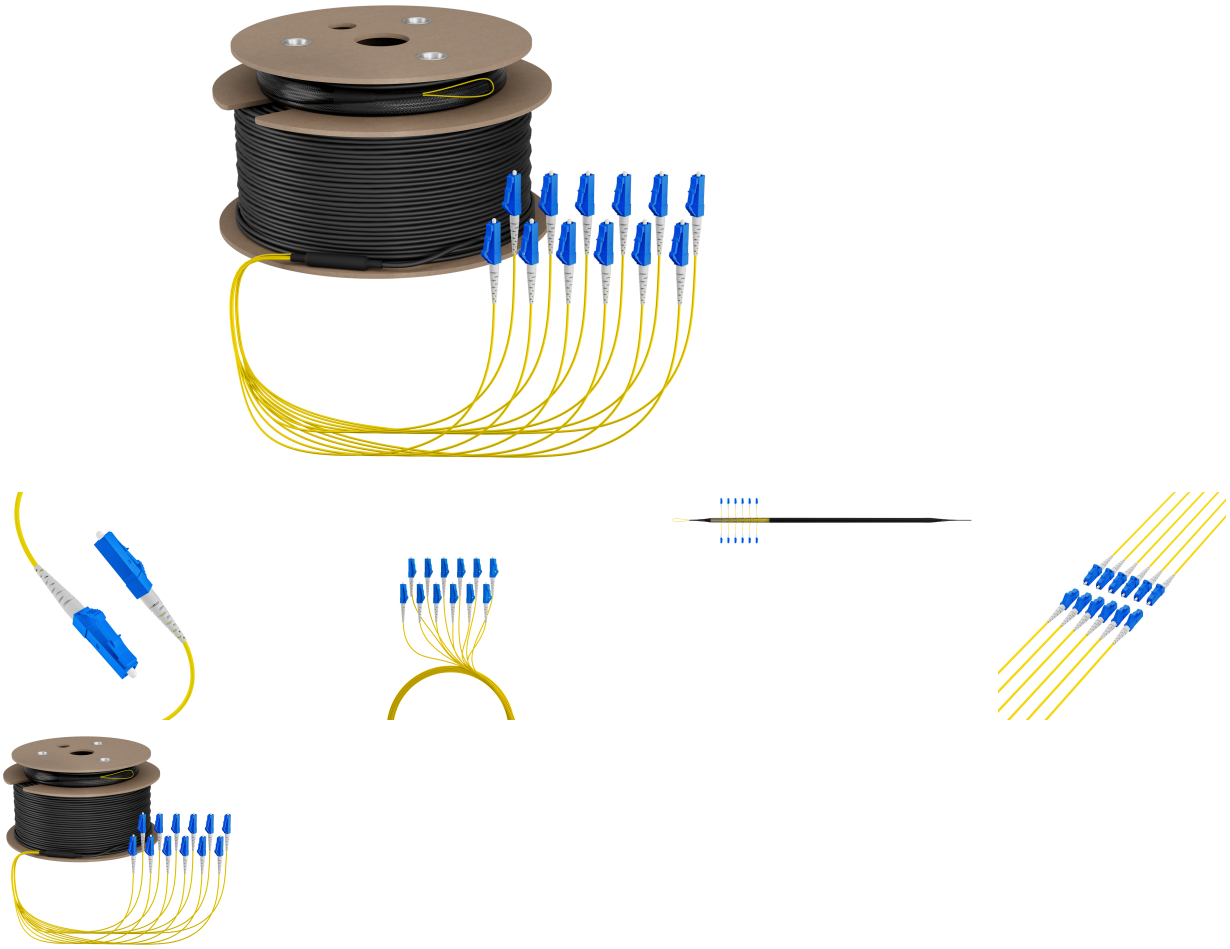
DATASHEET

Trunk cable U-DQ(ZN)BH OS2 12E (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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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
CPR class	Dca
Cable structure	Multifiber
Cable type	U-DQ (ZN) BH
Cable Ø	5.8 mm
Category	OS2 G652D
Colour outer sheath	black
Dimension Cable divider	11.5 x 372 mm
Fibre type	Single mode 9/125
Flame retardant	Yes
Insertion loss 1310nm	< 1.5 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

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Type of connector connection 2	LC

Available variants

ArtNr.	Bezeichnung	Length	Outer diameter sheath single fibre	Length tolerance
O8342S100OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,100m Dca LSZH	100 m	2 mm	±5 %
O8342S10OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,10m Dca LSZH	10 m	2 mm	±5 %
O8342S110OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,110m Dca LSZH	110 m	2 mm	±5 %
O8342S120OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,120m Dca LSZH	120 m	2 mm	±5 %
O8342S130OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,130m Dca LSZH	130 m	2 mm	±5 %
O8342S140OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,140m Dca LSZH	140 m	2 mm	±5 %
O8342S150OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,150m Dca LSZH	150 m	2 mm	±5 %
O8342S160OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,160m Dca LSZH	160 m	2 mm	±5 %
O8342S170OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,170m Dca LSZH	170 m	2 mm	±5 %
O8342S180OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,180m Dca LSZH	180 m	2 mm	±5 %
O8342S190OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,190m Dca LSZH	190 m	2 mm	±5 %
O8342S200OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,200m Dca LSZH	200 m	2 mm	±5 %
O8342S20OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,20m Dca LSZH	20 m	2 mm	±5 %
O8342S30OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,30m Dca LSZH	30 m	2 mm	±5 %
O8342S40OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,40m Dca LSZH	40 m	2 mm	±5 %
O8342S50OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,50m Dca LSZH	50 m	2 mm	±5 %
O8342S60OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,60m Dca LSZH	60 m	2 mm	±5 %

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O8342S70OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,70m Dca LSZH	70 m	2 mm	±5 %
O8342S80OS2	Trunk cable U-DQ(ZN)BH OS2 12E (1x12) LC-LC,80m Dca LSZH	80 m	2 mm	±5 %
O8342S90OS2	Trunk cable U-DQ(ZN)BH OS2 12E (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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