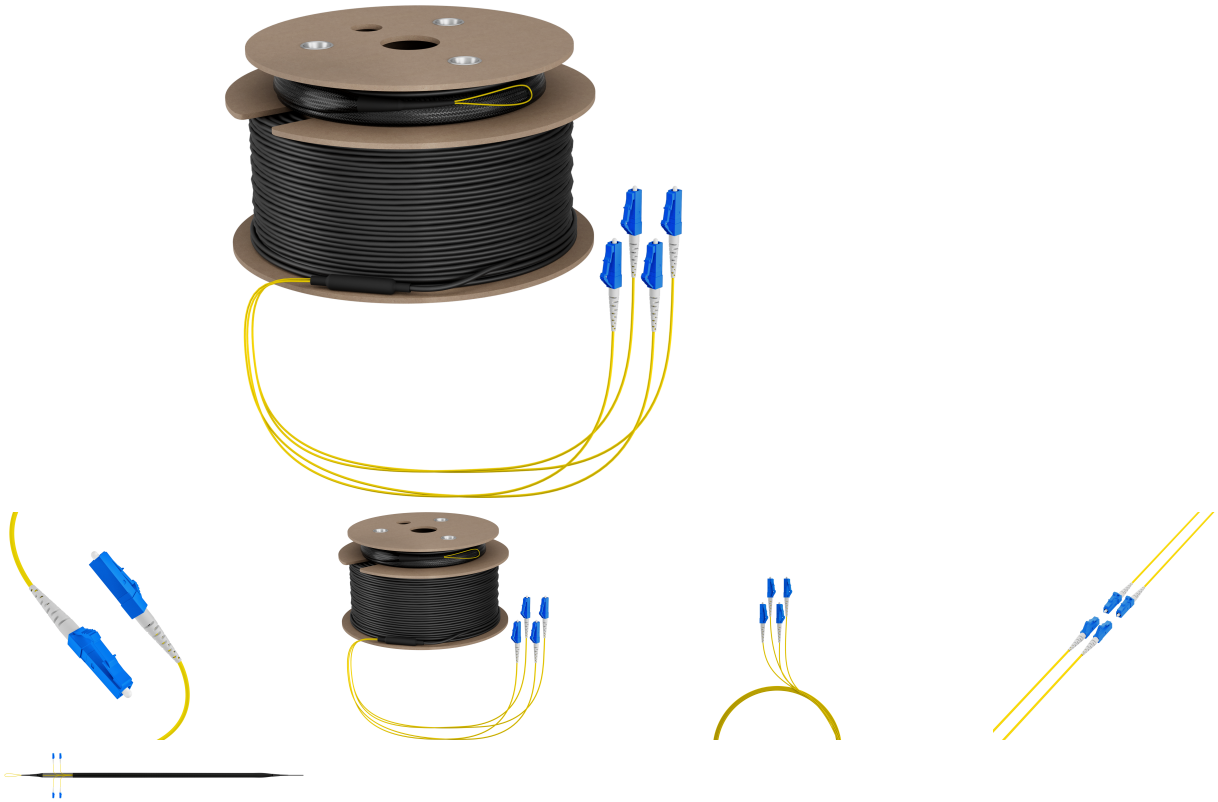
DATASHEET

Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,180m Dca LSZH G657A1



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
Traceable quality: cable with serial number and measurement protocol

Performance features:
4, 8 or 12 fibers per cable
Fibre class OS2, OM3 or OM4

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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	yes
CPR class	Dca
Cable structure	Multifiber
Cable type	U-DQ (ZN) BH
Cable Ø	5.8 mm
Category	OS2 G657A1
Colour outer sheath	black
Dimension Cable divider	11.5 x 132 mm
Fibre type	Singlemode 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	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

Available variants

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ArtNr.	Bezeichnung	Length	Outer diameter sheath single fibre	Length tolerance
O8303S100OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,100m Dca LSZH G657A1	100 m	2 mm	±5 %
O8303S10OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,10m Dca LSZH G657A1	10 m	2 mm	±5 %
O8303S110OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,110m Dca LSZH G657A1	110 m	2 mm	±5 %
O8303S120OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,120m Dca LSZH G657A1	120 m	2 mm	±5 %
O8303S130OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,130m Dca LSZH G657A1	130 m	2 mm	±5 %
O8303S140OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,140m Dca LSZH G657A1	140 m	2 mm	±5 %
O8303S150OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,150m Dca LSZH G657A1	150 m	2 mm	±5 %
O8303S160OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,160m Dca LSZH G657A1	160 m	2 mm	±5 %
O8303S170OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,170m Dca LSZH G657A1	170 m	2 mm	±5 %
O8303S180OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,180m Dca LSZH G657A1	180 m	2 mm	±5 %
O8303S190OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,190m Dca LSZH G657A1	190 m	2 mm	±5 %
O8303S200OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,200m Dca LSZH G657A1	200 m	2 mm	±5 %
O8303S20OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,20m Dca LSZH G657A1	20 m	2 mm	±5 %
O8303S30OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,30m Dca LSZH G657A1	30 m	2 mm	±5 %
O8303S40OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,40m Dca LSZH G657A1	40 m	2 mm	±5 %
O8303S50OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,50m Dca LSZH G657A1	50 m	2 mm	±5 %
O8303S60OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,60m Dca LSZH G657A1	60 m	2 mm	±5 %
O8303S70OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,70m Dca LSZH G657A1	70 m	2 mm	±5 %
O8303S80OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,80m Dca LSZH G657A1	80 m	2 mm	±5 %

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O8303S90OS2	Trunk cable U-DQ(ZN)BH OS2 4E (1x4) LC-LC,90m Dca LSZH G657A1	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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