

DATASHEET

Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,30m 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 SC 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

Factory production, polishing and function test

Double-sided assembled stepped cable whips (longest length 1 m)

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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 172 mm
Fibre type	Multimode 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	8
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	SC
Type of connector connection 2	SC

Available variants			
ArtNr.	Bezeichnung	Length	Outer diameter sheath single fibre
			Length tolerance

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O8321S100M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,100m Dca LSZH	100 m	2 mm	±5 %
O8321S100M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,10m Dca LSZH	10 m	2 mm	±5 %
O8321S110M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,110m Dca LSZH	110 m	2 mm	±5 %
O8321S120M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,120m Dca LSZH	120 m	2 mm	±5 %
O8321S130M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,130m Dca LSZH	130 m	2 mm	±5 %
O8321S140M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,140m Dca LSZH	140 m	2 mm	±5 %
O8321S150M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,150m Dca LSZH	150 m	2 mm	±5 %
O8321S160M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,160m Dca LSZH	160 m	2 mm	±5 %
O8321S170M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,170m Dca LSZH	170 m	2 mm	±5 %
O8321S180M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,180m Dca LSZH	180 m	2 mm	±5 %
O8321S190M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,190m Dca LSZH	190 m	2 mm	±5 %
O8321S200M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,200m Dca LSZH	200 m	2 mm	±5 %
O8321S200M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,20m Dca LSZH	20 m	2 mm	±5 %
O8321S300M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,30m Dca LSZH	30 m	2 mm	±5 %
O8321S400M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,40m Dca LSZH	40 m	2 mm	±5 %
O8321S500M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,50m Dca LSZH	50 m	2 mm	±5 %
O8321S600M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,60m Dca LSZH	60 m	2 mm	±5 %
O8321S700M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,70m Dca LSZH	70 m	2 mm	±5 %
O8321S800M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,80m Dca LSZH	80 m	2 mm	±5 %
O8321S900M4	Trunk cable U-DQ(ZN)BH OM4 8G (1x8) SC-SC,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

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regulatory requirements.

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