DATASHEET

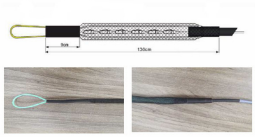
Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 160m













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:

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

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Trunk cable U-DQ(ZN)BH 12G 50/125, LC/LC OM3 160m

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 %

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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.

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