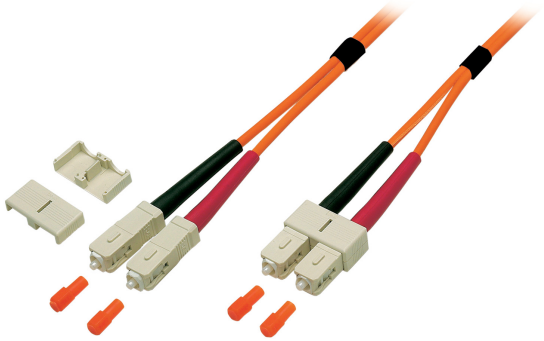
DATASHEET

Duplex Patchcable SC-SC OM1 7,5m LSZH 3mm orange



General data

Fiber jumper are well defined components in international standard of structured cabling ISO/IEC11801.
Due to many different network protocols created in the last 25 years , also a wide range of connectors had been developed. Some of them are still important today: LC, SC, E2000®, MPO/MTP.

Fiber jumper (patchcord) are defined as shortest connection between passive interface and active deviceport, regarding structured cabling standard. Rating of performance, known as category, as well as performance of total transmission channel, known as link class,Similar descriptions for patchcords: Connection cable, drop cable, adapter cable, interconnecting cord, Jumper

Features of EFB fiber optic patch cables
Tension relief reinforced with aramid yarn
Halogen-free and flame-retardant sheath according to IEC-60754-2, IEC-60332-1 and IEC-61034
EFB fiber optic connectors meet the minimum quality class Grade B/2 according to IEC-61753-1 for singlemode and Grade B/2 for multimode according to IEC 61753-122-2 (UPC cut)
100% tested and with individual measurement report

Technical properties

Anti-kink sleeve	put-on
Bend optimized fiber	no
Cable structure	Duplex
Cable type	I-V(ZN) H
Cable Ø	3 mm
Category	OM1
Colour outer sheath	orange
Fibre type	Multimode 62,5/125
Flame retardant	acc. to IEC 60332-1-2

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Halogen free	acc. to IEC 62821
Insertion loss 850nm	≤0,25 dB
Low smoke	acc. to IEC 61034
Material outer sheath	LSZH
Min. Bending radius (Dynamic)	20xOD mm
Min. Bending radius (Static)	10xOD mm
Number of fibres	2
Operating Temperature	-20 – 60 °C
Packaging	EFB-Electronics poly bag (resealable)
Reinforcment	Aramid
Return loss 850nm	≥35 dB
Scope of delivery	1x Patchcable, 2x Duplex Clip, 1x Measurement Report, 1x Information Sheet
Storage Temperature	-20 – 70 °C
Type of connector connection 1	SC
Type of connector connection 2	SC

Available variants

ArtNr.	Bezeichnung	Length	Length tolerance
O6423.050	Duplex Patchcable SC-SC OM1 0,5m LSZH 3mm orange	0.5 m	±5 %
O6423.1	Duplex Patchcable SC-SC OM1 1m LSZH 3mm orange	1.0 m	±5 %
O6423.10	Duplex Patchcable SC-SC OM1 10m LSZH 3mm orange	10.0 m	±5 %
O6423.15	Duplex Patchcable SC-SC OM1 15m LSZH 3mm orange	15.0 m	±5 %
O6423.2	Duplex Patchcable SC-SC OM1 2m LSZH 3mm orange	2.0 m	±5 %
O6423.20	Duplex Patchcable SC-SC OM1 20m LSZH 3mm orange	20.0 m	±5 %
O6423.25	Duplex Patchcable SC-SC OM1 25m LSZH 3mm orange	25.0 m	±5 %
O6423.3	Duplex Patchcable SC-SC OM1 3m LSZH 3mm orange	3.0 m	±5 %
O6423.30	Duplex Patchcable SC-SC OM1 30m LSZH 3mm orange	30.0 m	±5 %
O6423.35	Duplex Patchcable SC-SC OM1 35m LSZH 3mm orange	35.0 m	±5 %
O6423.40	Duplex Patchcable SC-SC OM1 40m LSZH 3mm orange	40.0 m	±5 %
O6423.5	Duplex Patchcable SC-SC OM1 5m LSZH 3mm orange	5.0 m	±5 %
O6423.50	Duplex Patchcable SC-SC OM1 50m LSZH 3mm orange	50.0 m	±5 %
O6423.7,5	Duplex Patchcable SC-SC OM1 7,5m LSZH 3mm orange	7.5 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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