

DATASHEET

Simplex FO Patch Cable LC/APC-SC/APC G657.A2 10m 2,0mm yellow 9/125µm



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 A/1 for multimode according to IEC 61753-122-2 (UPC cut)

100% tested and with individual measurement report

Allgemeine Daten

APC version	True
APC version Connector 1	8°
Insertion loss 1310nm	0.3 dB
Jacket Material	LSZH
Number of fibres	1
APC version Connector 2	8°

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General data	
Connector colour 2	green
Connector colour 1	green
Category	G657A2 acc. to ITU-T G.657
Cable type	I-V(ZN) H
Anti-kink sleeve	put-on
Colour outer sheath	yellow
Bend optimized fiber	yes

Mechanical characteristics	
Min. Bending radius (Dynamic)	20xOD
Max. Tension	100 N
Min. Bending radius (Static)	10xOD
Cable Ø	2.0 mm

Cable construction

Cable Construction	simplex
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Kabelaufbau

Type of connector connection 1	SC
Fibre type	Single mode 9/125
Type of connector connection 2	LC

Cable sheath

Flame retardant	According to EN 50265-2-1
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Umgebungsbedingungen	
Storage Temperature	-20 - 85 °C
Operating Temperature	-20 - 75 °C

Übertragungstechnische Eigenschaften	
Quality class singlemode	B/2 acc. IEC 61753-1

Normen, Zulassungen, Zertifizierungen	
Cable Conform to Standard	IEC 60793-2

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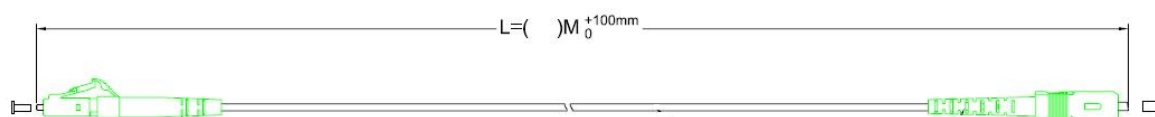
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Available variants

ArtNr.	Bezeichnung	Length Längentoleranz	
O2531.0,5	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 0,5m 2,0mm yellow 9/125μm	0.5 m	±5 %
O2531.1	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 1m 2,0mm yellow 9/125μm	1.0 m	±5 %
O2531.2	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 2m, 2mm yellow 9/125μm	2.0 m	±5 %
O2531.3	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 3m 2,0mm yellow 9/125μm	3.0 m	±5 %
O2531.5	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 5m, 2,0mm yellow 9/125μm	5.0 m	±5 %
O2531.10	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 10m 2,0mm yellow 9/125μm	10.0 m	±5 %
O2531.15	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 15m 2,0mm yellow 9/125μm	15.0 m	±5 %
O2531.20	Simplex FO Patch Cable LC/APC-SC/APC G657.A2 20m 2,0mm yellow 9/125μm	20.0 m	±5 %

Drawings



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