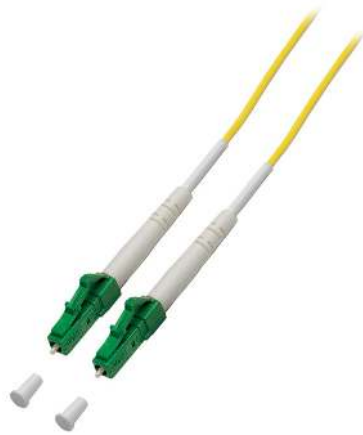


Simplex Fiber Optic Patch Cable LC/APC-LC/APC G657.A2 2,0mm



Description

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

General data

Fibre type	Singlemode
Category	G657A2 acc. to ITU-T G.657
Bend optimized fiber	yes
Number of fibres	1
Anti-kink sleeve	put-on
Type of connector connection 1	SC
APC version Connector 1	8°
Connector colour 1	green
Type of connector connection 2	SC
APC version Connector 2	8°
Connector colour 2	green

This datasheet was created automatically on 22-02-2022 . Technical changes reserved.



Simplex Fiber Optic Patch Cable LC/APC-LC/APC G657.A2 2,0mm

Mechanical characteristics

Max. Tension	100 N
Min. Bending radius (Static)	10xOD
Min. Bending radius (Dynamic)	20xOD

Cable construction

Cable type	Simplex
Cable Construction	simplex
Cable Ø	2.0 mm

Cable sheath

Colour outer sheath	yellow
Jacket Material	LSZH
Flame retardant	According to EN 50265-2-1

Environmental conditions

Operating Temperature	-20 – 75 °C
Storage Temperature	-20 – 85 °C

Transmission characteristics

Insertion loss 1310nm	0.3 dB
Quality class singlemode	B/2 acc. IEC 61753-1

Standards, approvals, certifications

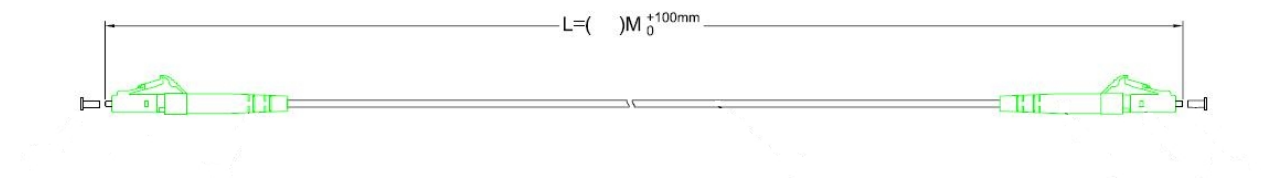
Cable Conform to Standard	IEC 60793-2
---------------------------	-------------

Available variants

Article no.	Title	Length
O2519.1	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 1m 2,0mm yellow 9/125µm	1.0 m
O2519.2	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 2m 2,0mm yellow 9/125µm	2.0 m
O2519.2,5	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 2,5m 2,0mm yellow 9/125µm	2.5 m
O2519.3	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 3m, 2,0mm yellow 9/125µm	3.0 m
O2519.5	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 5m, 2,0mm yellow 9/125µm	5.0 m
O2519.10	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 10m 2,0mm yellow 9/125µm	10.0 m
O2519.15	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 15m 2,0mm yellow 9/125µm	15.0 m
O2519.20	Simplex FO Patch Cable LC/APC-LC/APC G657.A2 20m 2,0mm yellow 9/125µm	20.0 m

Simplex Fiber Optic Patch Cable LC/APC-LC/APC G657.A2 2,0mm

Technical drawings



OM-Klassifikation ISO/IEC 11801		OM1	OM2	OM3	OM4	OM5
Min. modale Bandbreite mit vollständiger Anregung aller Kernmoden [MHz*km]	850 nm	200	500	1500	3500	4700
	1300 nm	500	500	500	500	2470
Min. modale Bandbreite (effektive) Laser-Bandbreite [MHz*km]	850 nm	n/s	n/s	2000	4700	n/s
	1300 nm	1.5	1.5	1.5	1.5	1,5
Dämpfung [dB/km]	850 nm	3.5	3,5	3.5	3,5	3,5
	1300 nm	1.5	1.5	1.5	1.5	1,5