

DATASHEET

Simplex FO Patch Cable SC/APC-SC/APC G657.A2 1m 3,0mm 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°
Jacket material	LSZH
Number of fibres	1
APC version Connector 2	8°

General data

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.

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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
Cable Ø	3.0 mm
Min. Bending radius (Static)	10xOD

Cable construction

Cable Construction	simplex
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Kabelaufbau

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

Cable sheath

Flame-retardant	According to EN 50265-2-1
Halogen free (according to EN 50267-2-3)	True

Umgebungsbedingungen

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

Übertragungstechnische Eigenschaften

Quality class singlemode	B/2 acc. IEC 61753-1
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Normen, Zulassungen, Zertifizierungen

Cable Conform to Standard	IEC 60793-2
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Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
O0944.0,5	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 0,5m 3,0mm yellow 9/125µm	0.5 m	±5 %
O0944.1	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 1m 3,0mm yellow 9/125µm	1.0 m	±5 %
O0944.2	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 2m 3,0mm yellow 9/125µm	2.0 m	±5 %
O0944.3	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 3m 3,0mm yellow 9/125µm	3.0 m	±5 %
O0944.5	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 5m 3,0mm yellow 9/125µm	5.0 m	±5 %
O0944.7,5	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 7,5m 3,0mm yellow 9/125µm	7.5 m	±5 %
O0944.10	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 10m 3,0mm yellow 9/125µm	10.0 m	±5 %
O0944.15	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 15m 3,0mm yellow 9/125µm	15.0 m	±5 %
O0944.20	Simplex FO Patch Cable SC/APC-SC/APC G657.A2 20m 3,0mm yellow 9/125µm	20.0 m	±5 %

Drawings

