

LC to LC Patch cord, 1 fibre, tight-buffered cable, LSZH, 1.6 mm legs

Single-mode (SMF-28 Ultra), 1 m

CORNING

Patch cables are used for non-permanent connections between patch panels, transmission equipment, etc. Pre-assembled cables allow for the implementation of complete Plug & Play Solutions. When such a solution is adopted with accurate dimensioning and appropriate cable routing, it is possible to install even large cabling systems rapidly.

Features and Benefits

Connectors

- LC connector according to TIA/EIA-604 -10
- All connectors are tested to FOTP -21
- Connectors are pre-radius polished to provide the optimal end-face geometry for long-term performance

Cable

- Low smoke (IEC 61034) and zero-halogen (LSZH), flame retardant to IEC 60332-3-24 (C) and noncorrosive to IEC 60754-2 (FRNC)
- Cables are metal free; hence, there are no ground-loop or potential-equalization problems. Completely dry design (without gel)
- Colour of outer sheath: OM1, OM2 – orange; OM3, OM4 – turquoise; OS2 – yellow

Standards

Intermateability TIA/EIA-604-10 / TIA/EIA-604-10

Specifications

General Specifications	
Flame rating	LSZH™/FRNC
Cable assembly type	Single Fibre
Fibre Category	SMF-28® Ultra fibre

Temperature Range	
Operation	-10 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-10 °C to 60 °C

LC to LC Patch cord, 1 fibre, tight-buffered cable, LSZH, 1.6 mm legs

Single-mode (SMF-28 Ultra), 1 m

CORNING

Design - Connector A

Connector type	LC
Ferrule Material	Ceramic
Polish	UPC
Housing material	Composite
Housing Colour	Blue
Boot type	Individual
Boot colour	Blue
Keyed (security)	No

Mechanical Specifications - Connector A

Durability	≤ 0.2 dB 500 rematings, FOTP-21
Tensile strength jacketed cable	44 N

Optical Specifications - Connector A

Insertion loss, typical	0.1 dB
Insertion loss, max.	0.3 dB
Reflectance, typical	≤ -58 dB

Design - Connector B

Connector type	LC
Ferrule Material	Ceramic
Polish	UPC
Housing material	Composite
Housing Colour	Blue
Boot type	Individual
Boot colour	Blue
Keyed (security)	No

Mechanical Specifications - Connector B

Durability	≤ 0.2 dB 500 rematings, FOTP-21
Tensile strength jacketed cable	44 N

LC to LC Patch cord, 1 fibre, tight-buffered cable, LSZH, 1.6 mm legs

Single-mode (SMF-28 Ultra), 1 m

CORNING

Optical Specifications - Connector B

Insertion loss, typical	0.1 dB
Insertion loss, max.	0.3 dB
Reflectance, typical	≤ -58 dB

Cable Design

Fibre Count	1
Outer diameter	1.6 mm
Outer jacket colour	Yellow
Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	10 mm
Tensile strength	70 N

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
------	---

Ordering Information

Part Number	020201G3Z16001M
Product Description	LC to LC Patch cord, 1 F, tight-buffered cable, LSZH, 1.6 mm legs, SMF-28 Ultra, 1 m
Length	1 m
Weight	0.01 kg

Shipping Information

Packing type	Cardboard box
Packing dimensions (L x W x H)	380 mm x 250 mm x 180 mm
Units Per Delivery	1/1

LC to LC Patch cord, 1 fibre, tight-buffered cable, LSZH, 1.6 mm legs

Single-mode (SMF-28 Ultra), 1 m

The CORNING logo is a blue square with the word "CORNING" in white, uppercase, sans-serif font centered inside.

Notes



Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified.
© 2017 Corning Optical Communications. All rights reserved.