

# LC Duplex to LC Duplex Patch cord, 2 fibres, zipcord tight-buffered cable, LSZH, 2.0 mm legs

Single-mode (OS2), 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 Duplex 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-equalisation 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	Two Fibre
Fibre Category	SM (OS2)

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## Temperature Range

Operation	-20 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-25 °C to 70 °C

## Design - Connector A

Connector Type	LC duplex
Ferrule	Ceramic
Polish	UPC
Housing material	Composite
Housing Colour	Blue
Boot Type	Individual
Boot Colour	Blue / White
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

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## Design - Connector B

Connector Type	LC duplex
Ferrule	Ceramic
Polish	UPC
Housing material	Composite
Housing Colour	Blue
Boot Type	Individual
Boot Colour	Blue / White
Keyed (security)	No

## Mechanical Specifications - Connector B

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

## Optical Specifications - Connector B

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

## Cable Design

Fibre Count	2
Outer diameter	2 mm 4.1 mm
Outer jacket colour	Yellow
Outer jacket material	LSZH/FRNC
Minimum bend radius	30 mm
Crush Resistance	1000 N/10cm
Tensile strength	300 N

## Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Ordering Information

Part Number	040402R5Z20001M
Product Description	LC Duplex to LC Duplex patch cord on 2-fiber Zipcord cable, with 2 mm legs, and a low-smoke, zero-halogen sheath. Length is variable.
Length	1 m
Weight	0.0145 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



Corning Cable Systems GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, Germany

TEL: 00800-2676-4641 (00800-CORNING1) · FAX: +49-30-5303-2335 · [www.corning.com/cablesystems/emea](http://www.corning.com/cablesystems/emea)

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