

# LC Duplex to SC Duplex Patch cord, 2 F, Zipcord Tight-Buffered Cable, LSZH, 2.0 mm legs

50 µm ClearCurve® multimode (OM3), 6 m

CORNING

Patch cables are used for non-permanent connections between patch panels, transmission equipment, etc. Preassembled 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, SC Duplex connector according to TIA/EIA-604 -10 -3
- 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).

Color of outer sheath: OM1, OM2 – orange; OM3, OM4 – aqua; OS2 – yellow



Part Number: 055702T5Z20006M

## Standards

**Intermateability** TIA/EIA-604-10 / TIA/EIA-604-3

## Specifications

### General Specifications

Flame Rating	LSZH™/FRNC
Cable Assembly Type	Two Fiber
Fiber Category	50 µm MM (OM3)

### Temperature Range

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

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## Design - Connector A

Connector Type	LC duplex
Ferrule Material	Ceramic
Polish	PC
Housing Material	Composite
Housing Color	Black
Boot Type	Individual
Boot Color	Aqua / 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	0.35 dB
Insertion Loss, Max.	0.5 dB

## Design - Connector B

Connector Type	SC duplex
Ferrule Material	Ceramic
Polish	PC
Housing Material	Composite
Housing Color	Black
Boot Type	Individual
Boot Color	Aqua / White
Keyed (security)	No

## Mechanical Specifications - Connector B

Durability	≤ 0.2 dB 1000 rematings, FOTP-21
Tensile Strength Jacketed Cable	44 N

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## Optical Specifications - Connector B

Insertion Loss, Typical	0.35 dB
Insertion Loss, Max.	0.5 dB

## Cable Design

Fiber Count	2
Outer Diameter	2 mm x 4.1 mm
Outer Jacket Color	Aqua
Outer Jacket Material	LSZH™/FRNC
Minimum Bend Radius	10 mm
Crush Resistance	1000 N/10 cm
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	055702T5Z20006M
Product Description	LC Duplex to SC Duplex patch cord on 2-fiber Zipcord cable, with 2 mm legs, and a low-smoke, zero-halogen sheath. Length is variable.
Length	6 m
Weight	0.058 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

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## Notes



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