

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

50 µm ClearCurve® multimode (OM3), 1 m

CORNING

Patch cables are used for non-permanent connections between patch panels, transmission equipment, etc.

To patch a mini small-form factor pluggable (mSFP) transceiver port to another mSFP transceiver port, a patch cord with mSFP LC Duplex connectors on both ends is required.

## Features and Benefits

### Connectors

- LC connectors 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.
- miniSFP LC Duplex uses standard LC connectors, with reduced spacing for use with mSFP transceivers.

### Cable

- Low smoke (IEC 61034) and zero-halogen (LSZH), flame retardant to IEC 60332-3 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.

## Standards

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

## Specifications

General Specifications	
Flame rating	LSZH™/FRNC
Cable assembly type	Two Fibre
Fibre category	50 µm MM (OM3)

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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	mini SFP LC Duplex
Ferrule Material	Ceramic
Polish	PC
Housing material	Composite
Housing colour	black
Boot type	Individual
Boot colour	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	0.1 dB
Insertion loss, max.	0.15 dB

## Design - Connector B

Connector type	mini SFP LC Duplex
Ferrule Material	Ceramic
Polish	PC
Housing material	Composite
Housing colour	black
Boot type	Individual
Boot colour	Aqua / White
Keyed (security)	No

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## 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.	0.15 dB

## Cable design

Fibre count	2
Outer diameter	2 mm x 4.1 mm
Outer jacket colour	turquoise
Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	10 mm
Crush resistance (reversible)	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	S5S502T5Z20001M
Length	1 m
Weight	0.0101 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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