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

50 µm ClearCurve® multimode (OM4), 1 m

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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.

Part Number: 050502Q5Z20001M

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-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	Two Fibre
Fibre Category	50 µm MM (OM4)

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

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Design - Connector A

Connector type	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	0.35 dB
Insertion loss, max.	0.5 dB

Design - Connector B

Connector type	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 B

Durability	≤ 0.2 dB 500 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	
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 2011/65/EU

Fibre Specifications

Optical Characteristics (cabled)	
Fibre name	G50/125 ULTRA-BEND 7.5
Fibre code	T
Fibre core diameter	50 μm
Fibre Category	OM4
Wavelengths	850 nm / 1300 nm
Maximum attenuation	2.8 dB/km / 1.0 dB/km
Typical attenuation	2.4 dB/km / 0.8 dB/km
Serial 1 gigabit ethernet	1100 m / 600 m
Serial 10 gigabit ethernet	550 m / -
Min. overfilled launch (OFL) bandwidth	3500 MHz*km / 500 MHz*km
Minimum effective modal bandwidth (EMB)	4700 MHz*km / -
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -

Notes: 1) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.
2) 50 μm multimode fibre macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel
3) Improved attenuation and bandwidth options available
4) Bend-insensitive single-mode fibres available on request.
5) Contact a Corning Customer Care Representative for additional information

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

50 µm ClearCurve® multimode (OM4), 1 m

Ordering Information

Part Number	050502Q5Z20001M
Product Description	LC Duplex to LC Duplex patch cord on 2-fibres Zipcord cable, with 2 mm legs, and a low-smoke, zero-halogen sheath. Length is variable.
EAN Code	4042673974512
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

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