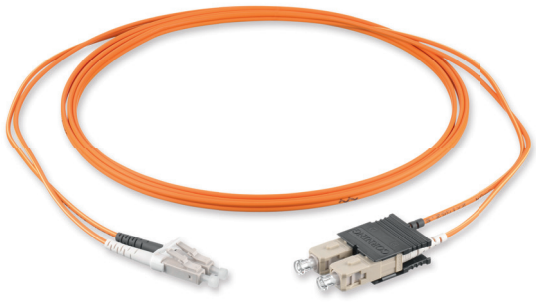
LC Duplex to SC Duplex Patch cord, 2 F, Zipcord Tight-Buffered cable, LSZH, 2.0 mm legs

62.5 µm multimode (OM1), 7 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.



Part Number: 055702K5Z20007M

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)
-Colour of outer sheath: OM1, OM2 – orange; OM3, OM4 – turquoise; OS2 – yellow

Standards

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

Specifications

General Specifications	
Flame rating	LSZH™/FRNC
Cable assembly type	Two Fibre
Fibre Category	62.5 µm MM (OM1)

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

CORNING

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CORNING

Design - Connector A	
Connector type	LC Duplex
Ferrule Material	Ceramic
Polish	PC
Housing material	Composite
Housing Colour	Beige
Boot type	Individual
Boot colour	Black / 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 Colour	Beige
Boot type	Individual
Boot colour	Black / 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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CORNING

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	Orange
Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	30 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	G62.5L/125 InfiniCor® 300
Fibre code	K
Fibre core diameter	62.5 µm
Fibre Category	OM1
Wavelengths	850 nm / 1300 nm
Maximum attenuation	3.1 dB/km / 0.8 dB/km
Typical attenuation	2.9 dB/km / 0.7 dB/km
Serial 1 gigabit ethernet	300 m / 550 m
Serial 10 gigabit ethernet	33 m / -
Min. overfilled launch (OFL) bandwidth	200 MHz*km / 600 MHz*km
Minimum effective modal bandwidth (EMB)	220 MHz*km / -

Notes: 1) *Improved attenuation and bandwidth options available*
2) *Bend-insensitive single-mode fibres available on request.*
3) *Contact a Corning Customer Care Representative for additional information*

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

62.5 µm multimode (OM1), 7 m

Ordering Information

Part Number	055702K5Z20007M
Product Description	LC Duplex to SC Duplex patch cord on 2-fibres Zipcord cable, with 2 mm legs, and a low-smoke, zero-halogen sheath. Length is variable.
EAN Code	4056418605951
Length	7 m
Weight	0.0665 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

RoHS COMPLIANT

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