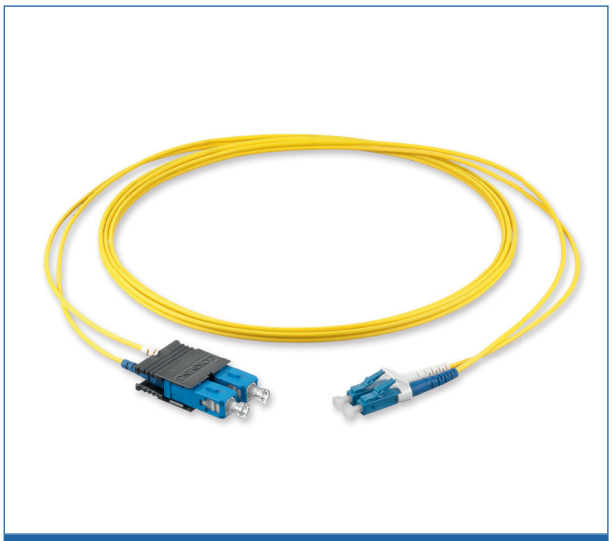
LC Duplex to SC Duplex Patch cord, 2 fibres, Zipcord Tight-Buffered cable, LSZH, 2.0 mm legs

SMF-28® Ultra single-mode (OS2), 3 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: 047202H5Z20003M

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-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-604-3

Specifications

General Specifications	
Flame rating	LSZH™/FRNC
Cable assembly type	Two Fibre
Fibre Category	SMF-28® Ultra fibre

Temperature Range	
Operation	-20 °C to 60 °C
Installation and assembly	-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	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 ratings, 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

Design - Connector B	
Connector Type	SC duplex
Ferrule Material	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 1000 ratings, FOTP-21
Tensile strength jacketed cable	44 N

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Optical Specifications - Connector B	
Insertion loss, typical	0.15 dB
Insertion loss, max.	0.4 dB
Reflectance	≤ -59 dB

Cable design	
Fibre Count	2
Outer diameter	2 mm x 4.1 mm
Outer jacket colour	yellow
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

Ordering Information

Part Number	047202H5Z20003M
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	4042673583790
Length	3 m
Weight	0.0325 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

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SMF-28® Ultra single-mode (OS2), 3 m

CORNING

Notes

RoHS COMPLIANT

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