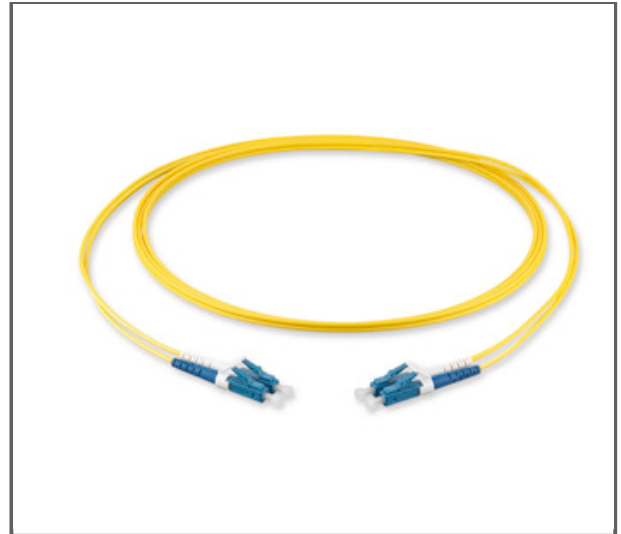


LC Duplex to LC Duplex Patch cord, 2 F, Zipcord Tight-Buffered Cable, LSZH, 2.0 mm legs Single-mode (OS2), 5 m

CORNING

Part Number: **040402R5Z20005M**

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
- 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

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CORNING

Specifications

Shipping Dimensions

Height	180 mm
Width	250 mm
Depth	380 mm

Environmental Conditions

Temperature Range, Installation	-5 °C - 50 °C (23 °F - 122 °F)
Temperature Range, Operation	-10 °C - 60 °C (14 °F - 140 °F)
Temperature Range, Storage	-10 °C - 60 °C (14 °F - 140 °F)

Specifications - Connector B

Reflectance, Typical	≤ -58 dB
Polish	UPC
Insertion Loss, Typical	0.1 dB
Insertion Loss, Max.	0.3 dB
Tensile Strength Jacketed Cable	44 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Keyed (security)	No
Boot Color	Blue / White
Connector Type	LC duplex
Ferrule Material	Ceramic
Housing Color	Blue

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Specifications - Connector B

Housing Material	Composite
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Boot Type	Individual
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Dimensions

Length	5 m
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Outer Diameter	2 mm
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Mechanical Specifications

Minimum Bend Radius	30 mm
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Tensile Strength	300 N
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Crush Resistance	1000 N/10 cm
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Design

Fiber Count	2
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Outer Jacket Material	LSZH™/FRNC
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Outer Jacket Color	Yellow
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Specifications - Connector A

Reflectance, Typical	≤ -58 dB
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Polish	UPC
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Insertion Loss, Typical	0.1 dB
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Insertion Loss, Max.	0.3 dB
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CORNING

Specifications - Connector A

Tensile Strength Jacketed Cable	44 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Keyed (security)	No
Boot Color	Blue / White
Connector Type	LC duplex
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Individual

General Specifications

Flame Rating	Riser (OFNR)
Fiber Category	Single-mode (OS2)
Cable Assembly Type	Multifiber
Cable Type	Tight-Buffered

Ordering Information

Packing Type	Cardboard box
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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Intermateability	Compliant with TIA/EIA-604-10

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Optical Characteristics

Cable cutoff wavelength	1260 nm
Fiber Code	E
Fiber Name	E9/125 SMF28e+ ®
Fiber Type	Single-mode
Fiber Core Diameter	9 µm
Serial 1 Gigabit Ethernet	5000 MHz*km / - / -
Serial 10 Gigabit Ethernet	10000 MHz*km / - / 40000 MHz*km
Typical Attenuation	0.38 / 0.38 / 0.25
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	OS2



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