

LC Duplex to SC Duplex Patch cord, 2 F, Zipcord Tight-Buffered Cable, LSZH, 2.0 mm legs SMF-28® Ultra Single-mode (OS2), 5 m

The Corning logo is a blue square with the word "CORNING" in white, uppercase, sans-serif font.

Part Number:
047202G5Z20005M

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

State-Of-The-Art Manufacturing Processes

Corning proprietary manufacturing processes and advanced technology result in unsurpassed product consistency

Global operations

Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply

Flexible design options

Choice of materials for strength elements and fiber properties dependent on application requirements

Superior Performance Testing

Every termination is tested to ensure the highest in network performance

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Specifications

Environmental Conditions

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

Mechanical Specifications

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

Ordering Information

Product Number	047202G5Z20005M
EAN Code	4056418604671
Packing Type	Cardboard box

Dimensions

Length	5 m
Outer Diameter	2 mm

Specifications - Connector A

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

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Specifications - Connector A

Boot Color	Blue / White
Connector Type	LC duplex
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Individual

Specifications - Connector B

Polish	UPC
Insertion Loss, Typical	0.15 dB
Insertion Loss, Max.	0.4 dB
Tensile Strength Jacketed Cable	44 N
Durability	≤ 0.2 dB change, 1000 rematings, FOTP-21
Keyed (security)	No
Boot Color	Blue / White
Connector Type	SC Duplex
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Individual
Reflectance	≤ -59 dB

General Specifications

Flame Rating	Riser (OFNR)
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	Plug & Play™ Trunk
Cable Type	Tight-Buffered

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Shipping Dimensions

Height	180 mm
Width	250 mm
Depth	380 mm

Design

Fiber Count	2
Outer Jacket Material	LSZH™/FRNC
Outer Jacket Color	Yellow

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Optical Characteristics

Cable cutoff wavelength	1260 nm
Fiber Code	Z
Fiber Name	SMF-28® Ultra TB Cable Optical Fiber
Fiber Type	Single-mode
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1
Cladding diameter	125 µm
Dispersion @ 1550 nm	18 nm
Dispersion in the range 1285 to 1330 nm	3.5 nm
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Mode-Field Diameter at 1310 nm	9.2 µm
Serial 1 Gigabit Ethernet	5000 MHz*km / - / -
Serial 10 Gigabit Ethernet	10000 MHz*km / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
PMD Link Design Value	0.04 ps/(nm*km)

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Optical Characteristics

PMD maximum individual fiber	0.1 ps/(nm*km)
Coating diameter	242 µm



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