

# **LC Duplex to SC Duplex Patch cord, 2 F, Zipcord Tight-Buffered Cable, LSZH, 2.0 mm legs 50 µm ClearCurve® multimode (OM4), 4 m**

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

**Part Number:**  
**055702Q5Z20004M**

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.

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## 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

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Polish                          | PC                                       |
| Insertion Loss, Typical         | 0.35 dB                                  |
| Insertion Loss, Max.            | 0.5 dB                                   |
| Tensile Strength Jacketed Cable | 44 N                                     |
| Durability                      | ≤ 0.2 dB change, 1000 rematings, FOTP-21 |
| Keyed (security)                | No                                       |
| Boot Color                      | Aqua / White                             |
| Connector Type                  | SC Duplex                                |
| Ferrule Material                | Ceramic                                  |
| Housing Color                   | Black                                    |
| Housing Material                | Composite                                |

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## Specifications - Connector B

|           |            |
|-----------|------------|
| Boot Type | Individual |
|-----------|------------|

## Dimensions

|                |      |
|----------------|------|
| Length         | 4 m  |
| Outer Diameter | 2 mm |

## Mechanical Specifications

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

## Design

|                       |            |
|-----------------------|------------|
| Fiber Count           | 2          |
| Outer Jacket Material | LSZH™/FRNC |
| Outer Jacket Color    | Aqua       |

## Specifications - Connector A

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Polish                          | PC                                      |
| Insertion Loss, Typical         | 0.35 dB                                 |
| Insertion Loss, Max.            | 0.5 dB                                  |
| Tensile Strength Jacketed Cable | 44 N                                    |
| Durability                      | ≤ 0.2 dB change, 500 rematings, FOTP-21 |

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## Specifications - Connector A

|                  |              |
|------------------|--------------|
| Keyed (security) | No           |
| Boot Color       | Aqua / White |
| Connector Type   | LC duplex    |
| Ferrule Material | Ceramic      |
| Housing Color    | Black        |
| Housing Material | Composite    |
| Boot Type        | Individual   |

## General Specifications

|                     |                |
|---------------------|----------------|
| Cable Type          | Tight-Buffered |
| Flame Rating        | LSZH™/FRNC     |
| Cable Assembly Type | Two Fiber      |

## Ordering Information

|              |               |
|--------------|---------------|
| Packing Type | Cardboard box |
|--------------|---------------|

## Standards

|      |                                                           |
|------|-----------------------------------------------------------|
| RoHS | Free of hazardous substances according to RoHS 2011/65/EU |
|------|-----------------------------------------------------------|

## Optical Characteristics

|            |                        |
|------------|------------------------|
| Fiber Code | T                      |
| Fiber Name | G50/125 ULTRA-BEND 7.5 |

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## Optical Characteristics

|                                         |                          |
|-----------------------------------------|--------------------------|
| Fiber Type                              | Multimode                |
| Fiber Core Diameter                     | 50 µm                    |
| Minimum Effective Modal Bandwidth (EMB) | 4700 MHz*km / -          |
| Maximum Attenuation                     | 2.8 dB/km / 1.0 dB/km    |
| Min. Overfilled Launch (OFL) Bandwidth  | 3500 MHz*km / 500 MHz*km |
| Serial 1 Gigabit Ethernet               | 1100 MHz*km / 600 MHz*km |
| Serial 10 Gigabit Ethernet              | 550 MHz*km / -           |
| Typical Attenuation                     | 2.4 / 0.8                |
| Wavelengths                             | 850 nm / 1300 nm         |
| Fiber Category                          | OM4                      |



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