

# Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Cable, Riser, 2.0 mm legs Standard LC Duplex MM / Standard LC Duplex MM, OM3 50um, 2F, Zipcord Riser, Standard Aqua Jacket 4 Meters

CORNING

## Part Number: 050502T5120004M

Two-fiber cable assemblies are offered with a variety of connector and cable combinations. Connector options include LC, SC, FC, ST® compatible, and MT-RJ. RoHS compliant Zipcord, DFX®, MIC®, Fan-out, and RIC cables are available.

Additional detailed furcation images are available in the Cable Assembly Family Specification Sheet.

Many of our fiber optic cable assemblies are highly configurable. If you don't see what you are looking for here, please review the ordering matrix contained in the family spec sheet, or contact Customer Care at 1-800-743-2675.



## Features and Benefits

### Flame-retardant jacket

Rugged and durable

### Superior Performance Testing

Every termination is tested to ensure the highest in network performance

### State-Of-The-Art Manufacturing Processes

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

### Corning advantage

Integrated developer and manufacturer of cable, connectors and fiber to ensure overall cable assembly performance

# Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Cable, Riser, 2.0 mm legs Standard LC Duplex MM / Standard LC Duplex MM, OM3 50um, 2F, Zipcord Riser, Standard Aqua Jacket 4 Meters

CORNING

## Specifications

### Mechanical Specifications

|                        |                |
|------------------------|----------------|
| Nominal Outer Diameter | 4 mm (0.16 in) |
|------------------------|----------------|

### Dimensions

|        |                |
|--------|----------------|
| Length | 4 m (13.12 ft) |
|--------|----------------|

### Furcation - Connector A

|              |                |
|--------------|----------------|
| Leg Diameter | 2 mm (0.08 in) |
|--------------|----------------|

|           |                    |
|-----------|--------------------|
| Plug Type | Heat-shrink sleeve |
|-----------|--------------------|

|             |                  |
|-------------|------------------|
| Plug Height | 5.5 mm (0.22 in) |
|-------------|------------------|

|            |                  |
|------------|------------------|
| Plug Width | 3.5 mm (0.14 in) |
|------------|------------------|

|            |                |
|------------|----------------|
| Plug Depth | 25.4 mm (1 in) |
|------------|----------------|

|            |   |
|------------|---|
| Leg Length | 254 mm -0 / +38.1mm (10 in -0 / +1.5in) |
|------------|---|

### Furcation - Connector B

|              |                |
|--------------|----------------|
| Leg Diameter | 2 mm (0.08 in) |
|--------------|----------------|

|           |                    |
|-----------|--------------------|
| Plug Type | Heat-shrink sleeve |
|-----------|--------------------|

|             |                  |
|-------------|------------------|
| Plug Height | 5.5 mm (0.22 in) |
|-------------|------------------|

|            |                  |
|------------|------------------|
| Plug Width | 3.5 mm (0.14 in) |
|------------|------------------|

|            |                |
|------------|----------------|
| Plug Depth | 25.4 mm (1 in) |
|------------|----------------|

|            |   |
|------------|---|
| Leg Length | 254 mm -0 / +38.1mm (10 in -0 / +1.5in) |
|------------|---|

# Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Cable, Riser, 2.0 mm legs Standard LC Duplex MM / Standard LC Duplex MM, OM3 50um, 2F, Zipcord Riser, Standard Aqua Jacket 4 Meters

CORNING

## Specifications - Connector B

|                         |           |
|-------------------------|-----------|
| Insertion Loss, Typical | 0.35 dB   |
| Boot Color              | Aqua      |
| Connector Type          | LC duplex |
| Ferrule Material        | Ceramic   |
| Housing Color           | Black     |
| Housing Material        | Composite |

## Specifications - Connector A

|                         |           |
|-------------------------|-----------|
| Insertion Loss, Typical | 0.35 dB   |
| Boot Color              | Aqua      |
| Connector Type          | LC duplex |
| Ferrule Material        | Ceramic   |
| Housing Color           | Black     |
| Housing Material        | Composite |

## General Specifications

|                     |  |
|---------------------|--|
| Application         | Vertical Riser , General Building Applications |
| Cable Type          | Tight-Buffered                                 |
| Flame Rating        | Riser (OFNR)                                   |
| Cable Assembly Type | Two Fiber                                      |

# Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Cable, Riser, 2.0 mm legs Standard LC Duplex MM / Standard LC Duplex MM, OM3 50um, 2F, Zipcord Riser, Standard Aqua Jacket 4 Meters

CORNING

## Design

|                    |      |
|--------------------|------|
| Fiber Count        | 2    |
| Outer Jacket Color | Aqua |

## Standards

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

## Optical Characteristics

|   |                          |
|---|--------------------------|
| Fiber Code                              | T                        |
| Fiber Type                              | Multimode                |
| Performance Option Code                 | 80                       |
| Fiber Core Diameter                     | 50 µm                    |
| Minimum Effective Modal Bandwidth (EMB) | 2000 MHz*km / -          |
| Maximum Attenuation                     | 2.8 dB/km / 1.0 dB/km    |
| Min. Overfilled Launch (OFL) Bandwidth  | 1500 MHz*km / 500 MHz*km |
| Serial 1 Gigabit Ethernet               | 1000 MHz*km / 600 MHz*km |
| Serial 10 Gigabit Ethernet              | 300 MHz*km / -           |
| Wavelengths                             | 850 nm / 1300 nm         |
| Fiber Category                          | OM3                      |



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States  
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2020 Corning Optical Communications. All rights reserved.