

# Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Cable, Riser, 2.0 mm legs Standard LCUPC Duplex SM / Standard LCUPC Duplex SM, SMF, 2F, Zipcord Riser, Standard Yellow Jacket 1

CORNING

**Part Number:**  
**040402R5120001M**

Two-fiber cable assemblies are available with a variety of connector and cable combinations. Options include LC, SC, and ST® compatible connectors.

RoHS-compliant zipcord, DFX®, MIC®, Fan-out, and RIC cables are also available. Additional detailed furcation images are available in the cable assembly family specification sheet. Many of our fiber optic cable assemblies are highly configurable.

## Features and Benefits

### Flame-retardant jacket

Rugged and durable

### Superior Performance Testing

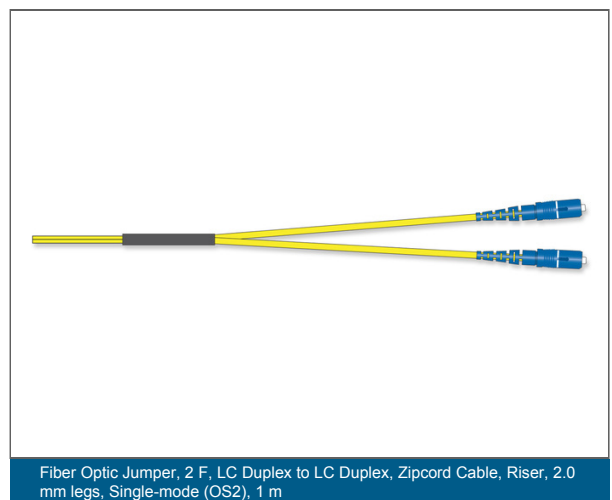
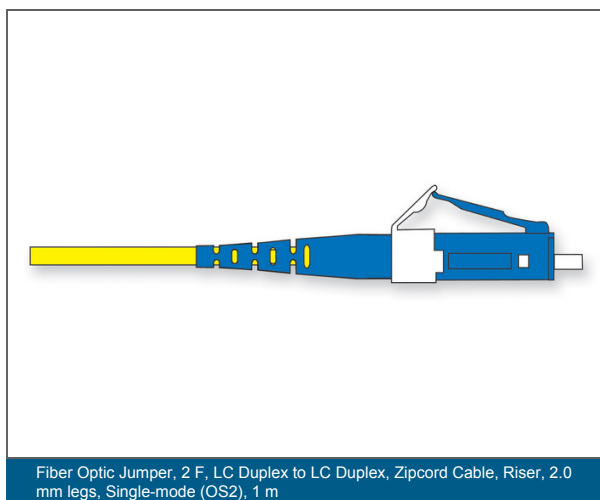
Every termination is tested to ensure the highest in network performance

### 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



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## Specifications

### General Specifications

|                     |                                               |
|---------------------|-----------------------------------------------|
| Flame Rating        | Riser (OFNR)                                  |
| Fiber Category      | Single-mode (OS2)                             |
| Cable Assembly Type | Two Fiber                                     |
| Application         | General Building Applications, Vertical Riser |
| Cable Type          | Tight-Buffered                                |

### Standards

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

### Design

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

### Mechanical Specifications

|              |       |
|--------------|-------|
| Cable Length | 33 ft |
|--------------|-------|

### Optical Characteristics

|                            |                                   |
|----------------------------|-----------------------------------|
| Fiber Code                 | G                                 |
| Fiber Type                 | Single-Mode Ultra-Bendable Fiber  |
| Fiber Compliance           | ITU-T G.652.D and ITU-T G.657.A1  |
| Fiber Core Diameter        | 8.2 $\mu$ m                       |
| Maximum Attenuation        | 0.4 dB/km / 0.4 dB/km / 0.3 dB/km |
| Serial 1 Gigabit Ethernet  | 5000 MHz*km / - / -               |
| Serial 10 Gigabit Ethernet | 10000 MHz*km / - / 40000 MHz*km   |
| Wavelengths                | 1310 nm / 1383 nm / 1550 nm       |

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## Optical Characteristics

|                |     |
|----------------|-----|
| Fiber Category | OS2 |
|----------------|-----|

## Specifications - Connector A

|                         |           |
|-------------------------|-----------|
| Reflectance, Typical    | ≤ -58 dB  |
| Polish                  | UPC       |
| Insertion Loss, Typical | 0.15 dB   |
| Boot Color              | Blue      |
| Connector Type          | LC Duplex |
| Ferrule Material        | Ceramic   |
| Housing Color           | Blue      |
| Housing Material        | Composite |

## Specifications - Connector B

|                         |           |
|-------------------------|-----------|
| Reflectance, Typical    | ≤ -58 dB  |
| Polish                  | UPC       |
| Insertion Loss, Typical | 0.15 dB   |
| Boot Color              | Blue      |
| Connector Type          | LC Duplex |
| Ferrule Material        | Ceramic   |
| Housing Color           | Blue      |

## Ordering Information

|                    |                 |
|--------------------|-----------------|
| Product Number     | 040402R5120001M |
| EAN Code           | 4056418198125   |
| Units per Delivery | 1/1             |

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## 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   | 0 mm +38.1mm (0 in +1.5in) |



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