

**Product:** [FPSLDLD030MR2XY](#) 



## LC/LC Duplex OS2 30M Patch Cord

### Product Description

FX PATCH CORD, OS2, LC DUPLEX - LC DUPLEX, 30 M, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, YELLOW JACKET

### Technical Specifications

#### Product Overview

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Suitable Applications: | Data Centers, Main Equipment Rooms, Telecommunications Rooms and Work Area |
|------------------------|----------------------------------------------------------------------------|

#### Fiber Specifications

|                      |            |
|----------------------|------------|
| Fiber Type:          | OS2        |
| Fiber Core Diameter: | 8.2/125 µm |
| Fiber Count:         | 2          |
| Fiber Color Code:    | TIA-598-D  |

#### Physical Specifications

##### Connectors

| Description               | Type      | Housing Material | Housing Color | Ferrule          | Boot Material | Boot Color |
|---------------------------|-----------|------------------|---------------|------------------|---------------|------------|
| Connector A (Inside End)  | LC Duplex | Plastic          |               | Zirconia Ceramic | Rubber        | Blue       |
| Connector B (Outside End) | LC Duplex | Plastic          | Blue          | Zirconia Ceramic | Rubber        | Blue       |

##### Measurement

| Overall Assembly Length | Packaging                                    |
|-------------------------|----------------------------------------------|
| 30 m                    | Individually packaged in a clear plastic bag |

##### Overall Length Tolerances

| Range             | Tolerance       |
|-------------------|-----------------|
| 0 to 2 meters     | +0.2 / -0 meter |
| 2.1 to 4.9 meters | +0.3 / -0 meter |
| 5 to 40 meters    | +0.4 / -0 meter |
| over 40 meters    | +1.0% / -0%     |

#### Optical Characteristics

##### Fiber Connector Performance

| Connector Type | Max. Insertion Loss | Min. Return Loss |
|----------------|---------------------|------------------|
| LC Duplex      | 0.25 dB             | 55 dB            |
| LC Duplex      | 0.25 dB             | 55 dB            |

#### Mechanical Characteristics

|              |       |
|--------------|-------|
| Return Loss: | 55 dB |
|--------------|-------|

#### Temperature Range

|                              |               |
|------------------------------|---------------|
| Operating Temperature Range: | -10°C to 60°C |
| Storage Temperature Range:   | -10°C to 60°C |

Product Material

Materials

| Description |
|-------------|
| Ferrules    |

Standards and Compliance

|                                   |           |
|-----------------------------------|-----------|
| Environmental Space:              | Indoor    |
| UL Flammability:                  | OFNR      |
| UL Rating:                        | Riser     |
| TIA/EIA Compliance:               | TIA 568.3 |
| EU Directive 2011/65/EU (RoHS 2): | Yes       |
| MII Order #39 (China RoHS):       | EUP 50    |
| Safety Listing:                   | ACMA      |

Product Notes

|                |                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------|
| Related Parts: | FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Outlets |
|----------------|----------------------------------------------------------------------------------------------------------------------------|

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.14 Revision Date: 10-02-2026 |
|----------------------|-------------------------------------------------|

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