



**Product:** [FPSSCSC002MR4SY](#) 

FXPC OS2 SC\_SX SC\_SX 2M OFNR SX\_2.0 A-A YL\_JKT

## Product Description

FX PATCH CORD, OS2, SC SIMPLEX - SC SIMPLEX, 2 M, OFNR, SIMPLEX 2.0 MM, A-TO-A, YELLOW JACKET

## Technical Specifications

### Product Overview

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Suitable Applications: | Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area |
|------------------------|----------------------------------------------------------------------------|

### Fiber Specifications

|                      |           |
|----------------------|-----------|
| Fiber Type:          | OS2       |
| Fiber Core Diameter: | 9/125 µm  |
| Fiber Count:         | 1         |
| Fiber Color Code:    | TIA-598-D |

### Physical Specifications

#### Connectors

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

#### Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 2.0 mm           | Yellow       |

#### Measurement

| Overall Assembly Length | Packaging                              |
|-------------------------|----------------------------------------|
| 2 meters                | Individually packaged in a 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%     |

### Armor Specifications

|                          |          |
|--------------------------|----------|
| Armor Type and Material: | No Armor |
|--------------------------|----------|

### Optical Characteristics

|                          |                 |
|--------------------------|-----------------|
| Polarity Identification: | A-to-A / B-to-B |
|--------------------------|-----------------|

#### Fiber Connector Performance

| Description               | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---------------------------|----------------|---------------------|------------------|
| Connector A (Inside End)  | SC Simplex     | 0.25 dB             | 55 dB            |
| Connector B (Outside End) | SC Simplex     | 0.25 dB             | 55 dB            |

Mechanical Characteristics

|                                          |              |
|------------------------------------------|--------------|
| Minimum Bend Radius During Installation: | 15x Cable OD |
| Minimum Bend Radius During Operation:    | 10x Cable OD |

Temperature Range

|                              |                |
|------------------------------|----------------|
| Operating Temperature Range: | -10°C To +60°C |
| Storage Temperature Range:   | -10°C To +60°C |

Standards and Compliance

|                                  |                                  |
|----------------------------------|----------------------------------|
| Environmental Suitability:       | Indoor                           |
| Flammability / Reaction to Fire: | OFNR                             |
| UL Rating:                       | Riser                            |
| TIA/EIA Compliance:              | TIA/EIA 568.3                    |
| European Directive Compliance:   | EU Directive 2011/65/EU (RoHS 2) |
| MII Order #39 (China RoHS):      | EUP 50                           |
| Other Standard Compliance(s):    | ACMA                             |

Product Notes

|                |                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------|
| Related Parts: | DCX system, FX UHD Patch Panels, ECX Patch Panels, FX Patch cords, FX MPO Trunks, FX Multi-fiber Trunks |
|----------------|---------------------------------------------------------------------------------------------------------|

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.27 Revision Date: 10-30-2026 |
|----------------------|-------------------------------------------------|

Part Numbers

Variants

| Item #          | UPC          |
|-----------------|--------------|
| FPSSCSC002MR4SY | 611589114721 |

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