



Product: [SCSH4208MLF](#)

FX UHD Splitter Cassette OS2, 2x8



Product Description

FX UHD Splitter Cassette, OS2, 2x8, 4 Splitters, MPO/APC Input, LC/APC Output, Front

Technical Specifications

Product Overview

|                        |                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------|
| Environmental Space:   | Indoor                                                                                          |
| Suitable Applications: | FiberExpress Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers |

Construction

Fiber Cable Construction

| Fiber Type             |         |
|------------------------|---------|
| OS2, G.657.A1, G.652.D |         |
| Weight:                | 0.5 lbs |
| Overall Height:        | 1.5 in  |
| Overall Width:         | 4.5 in  |
| Overall Length:        | 6.9 in  |

Physical Specifications

|               |                   |
|---------------|-------------------|
| Max Capacity: | 8 Fibers (Output) |
|---------------|-------------------|

Optical Characteristics

|             |                      |
|-------------|----------------------|
| Wavelength: | 1260-1650 NANOMETERS |
|-------------|----------------------|

Mechanical Characteristics

|                    |        |
|--------------------|--------|
| Front Connection:  | Static |
| Termination Style: | Front  |

Temperature Range

|                              |                |
|------------------------------|----------------|
| Operating Temperature Range: | -40°C To +85°C |
| Storage Temperature Range:   | -40°C To +85°C |

Product Material

Materials

| Description    | Material          | Color | Type                         |
|----------------|-------------------|-------|------------------------------|
| Housing        | PC/ABS            | Black |                              |
| Cover          | Polycarbonate     | Black |                              |
| Frame          | PC/ABS            | Black | Lead Frame                   |
| Adapter Output | Plastic - UL94V-0 | Green | LC-Quad w/ Internal Shutters |
| Adapter Input  | Plastic - UL94V-0 | Green | MPO Adapter                  |

Transmission-Characteristics

Transmission Specifications

| Splitter Configuration | IL Max (dB) | Uniformity Max (dB) | PDL Max (dB) | Directivity Min (dB) | RL Min (dB) |
|------------------------|-------------|---------------------|--------------|----------------------|-------------|
| 2 x 8                  | 11.65       | 1.5                 | 0.4          | -55                  | -55         |

Standards

|                                   |                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------|
| TIA/EIA Compliance:               | Telcordia GR-1209-CORE (splitters only), Telcordia GR-1221-CORE (splitters only) |
| EU Directive 2011/65/EU (RoHS 2): | Yes                                                                              |
| MII Order #39 (China RoHS):       | EUP 50                                                                           |

Related Part Numbers

|                |                                           |
|----------------|-------------------------------------------|
| Related Parts: | FX UHD & FXU Patch Panels, FX Patch Cords |
|----------------|-------------------------------------------|

Product Notes

|            |                                                                             |
|------------|-----------------------------------------------------------------------------|
| Packaging: | Individually packaged in a plastic shell. Shipped in cardboard box (14/box) |
|------------|-----------------------------------------------------------------------------|

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.13 Revision Date: 10-07-2025 |
|----------------------|-------------------------------------------------|

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