



## FDH 3000 Plug-and-Play Splitter Module, 1 x 4, SC/APC

- Rugged packaging is built for high performance, while the Plug-and-Play design reduces installation time
- Bend-optimized fiber and ruggedized extreme temperature cabling
- Easy to insert and remove without affecting adjacent splitters
- Reversible dust cap makes test and turn-up easy
- \*Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

## Product Classification

|                                |   |
|--------------------------------|---|
| <b>Regional Availability</b>   | Latin America   North America               |
| <b>Portfolio</b>               | CommScope®                                  |
| <b>Product Type</b>            | Splitter module                             |
| <b>Product Series</b>          | FDH 3000   Mini FDH 3000                    |
| <b>Government Requirements</b> | Build America Buy America (BABA) compliant* |

## General Specifications

|                                  |   |
|----------------------------------|---|
| <b>Device Type</b>               | Plug-and-play module                    |
| <b>Functionality</b>             | Splitting                               |
| <b>Access</b>                    | Front   Rear                            |
| <b>Application</b>               | For use in FDH 3000 cabinets            |
| <b>Circuits, quantity</b>        | 1                                       |
| <b>Distribution Type</b>         | 1 x 4 splitter                          |
| <b>Interface, front</b>          | SC/APC                                  |
| <b>Interface, Input</b>          | SC/APC                                  |
| <b>Interface, Output</b>         | SC/APC                                  |
| <b>Interface, rear</b>           | SC/APC                                  |
| <b>Location of Manufacturing</b> | Waived per BABA waiver for BEAD Program |
| <b>Module Color</b>              | Putty white                             |
| <b>Split Ratio</b>               | Symmetrical                             |
| <b>Splitter, quantity</b>        | 1                                       |

# FPS-MPP1NJJ

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## Dimensions

|                                |                   |
|--------------------------------|-------------------|
| <b>Height</b>                  | 88.9 mm   3.5 in  |
| <b>Width</b>                   | 12.7 mm   0.5 in  |
| <b>Depth</b>                   | 139.7 mm   5.5 in |
| <b>Furcation Tube Diameter</b> | 2 mm   0.079 in   |

## Optical Specifications

|   |              |
|---|--------------|
| <b>Directivity, minimum</b>                 | 60 dB        |
| <b>Polarization Dependent Loss, maximum</b> | 0.2 dB       |
| <b>Uniformity, maximum</b>                  | 0.8 dB       |
| <b>Wavelength Range</b>                     | 1260–1635 nm |
| <b>Insertion Loss, Splitter, maximum</b>    | 7.2 dB       |
| <b>Insertion Loss, Splitter, typical</b>    | 6.2 dB       |
| <b>Return Loss, Splitter, minimum</b>       | 55 dB        |

## Environmental Specifications

|                                |   |
|--------------------------------|---|
| <b>Operating Temperature</b>   | -55 °C to +85 °C (-67 °F to +185 °F)                                    |
| <b>Flammability Rating</b>     | UL 94 V-0   |
| <b>Qualification Standards</b> | Telcordia GR-1209-CORE   Telcordia GR-1221-CORE   Telcordia GR-326-CORE |

## Packaging and Weights

|                           |                     |
|---------------------------|---------------------|
| <b>Included</b>           | Reversible dust cap |
| <b>Packaging quantity</b> | 1                   |
| <b>Packaging Type</b>     | Bag   Carton        |

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>   |
|---------------|---|
| CHINA-ROHS    | Below maximum concentration value   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant   |
| UK-ROHS       | Compliant   |

