

# NG4-VSMLF116



NG4access® Module VAM, Splitter, 1x16, symmetrical split, singlemode, LC/APC, front, left, 1 circuit

- VAMs help enhance optical transport systems by providing flexible, easy to incorporate optical components into the network
- VAMs increase fiber capacity and help troubleshooting or distributing signals to multiple subscribers
- \*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>   | Asia   Australia/New Zealand   China   EMEA   India   Latin America   North America |
| <b>Portfolio</b>               | CommScope®  |
| <b>Product Type</b>            | Splitter module   |
| <b>Product Brand</b>           | NG4access®  |
| <b>Product Series</b>          | FACT   NG4  |
| <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>Technology Type</b>           | Planar lightwave circuit (PLC)          |
| <b>Access</b>                    | Front                                   |
| <b>Application</b>               | For use with NG4 access frames          |
| <b>Distribution Type</b>         | 1 x 16 splitter                         |
| <b>Interface, front</b>          | LC/APC                                  |
| <b>Interface, Input</b>          | LC/APC                                  |
| <b>Interface, Output</b>         | LC/APC                                  |
| <b>Location of Manufacturing</b> | Waived per BABA waiver for BEAD Program |
| <b>Split Ratio</b>               | Symmetrical                             |
| <b>Splitter, quantity</b>        | 1                                       |

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**Tray Orientation** Left orientation

## Dimensions

**Height** 13.21 mm | 0.52 in  
**Width** 159.77 mm | 6.29 in  
**Depth** 130.3 mm | 5.13 in

## Optical Specifications

**Directivity, minimum** 55 dB  
**Performance Grade** Grade O (PLC, low loss)  
**Polarization Dependent Loss, maximum** 0.2 dB  
**Uniformity, maximum** 1.6 dB  
**Wavelength Range** 1260–1625 nm  
**Insertion Loss, Splitter, maximum** 14 dB  
**Return Loss, Connector, minimum** 50 dB

## Packaging and Weights

**Packaging quantity** 1

## Regulatory Compliance/Certifications

| Agency     | Classification                    |
|------------|-----------------------------------|
| CHINA-ROHS | Above maximum concentration value |
| ROHS       | Compliant/Exempted                |
| UK-ROHS    | Compliant/Exempted                |

