

# LX1SSP2216001 | LGX SPLTR MOD 2X16 UPC/LC



Single width LGX module, 2x16 symmetrical split ratio, 1 splitter, LC/UPC connectors

- \*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>Product Type</b>            | Splitter module   |
| <b>Product Series</b>          | LGX   |
| <b>Government Requirements</b> | Build America Buy America (BABA) compliant*   |

## General Specifications

|                                  |   |
|----------------------------------|---|
| <b>Functionality</b>             | Splitting                               |
| <b>Technology Type</b>           | Planar lightwave circuit (PLC)          |
| <b>Distribution Type</b>         | 2 x 16 splitter                         |
| <b>Interface, Input</b>          | LC/UPC                                  |
| <b>Interface, Output</b>         | LC/UPC                                  |
| <b>Location of Manufacturing</b> | Waived per BABA waiver for BEAD Program |
| <b>Split Ratio</b>               | Symmetrical                             |
| <b>Splitter, quantity</b>        | 1                                       |

## Dimensions

|               |                     |
|---------------|---------------------|
| <b>Height</b> | 130.05 mm   5.12 in |
| <b>Width</b>  | 28.7 mm   1.13 in   |
| <b>Length</b> | 127 mm   5 in       |

## Optical Specifications

|   |        |
|---|--------|
| <b>Directivity, minimum</b>                 | 55 dB  |
| <b>Polarization Dependent Loss, maximum</b> | 0.4 dB |

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|  |              |
|--|--------------|
| <b>Uniformity, maximum</b>               | 2.3 dB       |
| <b>Wavelength Range</b>                  | 1260–1650 nm |
| <b>Insertion Loss, Splitter, maximum</b> | 14.8 dB      |
| <b>Return Loss, Splitter, minimum</b>    | 50 dB        |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Relative Humidity</b>     | 5%–95%, non-condensing               |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|