

# LX1SSP4108001 | LGX SPLTR MOD 1X8 UPC/SC



Single width LGX module, 1x8 symmetrical split ratio, 1 splitter, SC/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>	1 x 8 splitter
<b>Interface, Input</b>	SC/UPC
<b>Interface, Output</b>	SC/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>	0.2 dB

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<b>Uniformity, maximum</b>	1.3 dB
<b>Wavelength Range</b>	1260–1650 nm
<b>Insertion Loss, Splitter, maximum</b>	10.9 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
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