

LX1SSP4208001 | LGX SPLTR MOD 2X8 UPC/SC



Single width LGX module, 2x8 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

Regional Availability	Asia Australia/New Zealand China EMEA India Latin America North America
Product Type	Splitter module
Product Series	LGX
Government Requirements	Build America Buy America (BABA) compliant*

General Specifications

Functionality	Splitting
Technology Type	Planar lightwave circuit (PLC)
Distribution Type	2 x 8 splitter
Interface, Input	SC/UPC
Interface, Output	SC/UPC
Location of Manufacturing	Waived per BABA waiver for BEAD Program
Split Ratio	Symmetrical
Splitter, quantity	1

Dimensions

Height	130.05 mm 5.12 in
Width	28.7 mm 1.13 in
Length	127 mm 5 in

Optical Specifications

Directivity, minimum	55 dB
Polarization Dependent Loss, maximum	0.3 dB

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Uniformity, maximum	1.85 dB
Wavelength Range	1260–1650 nm
Insertion Loss, Splitter, maximum	11.4 dB
Return Loss, Splitter, minimum	50 dB

Environmental Specifications

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

Packaging and Weights

Packaging quantity	1
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