

# LGX-SPLTR-MOD

## Base Product



## LGX Splitter Module

- \*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.

CommScope's LGX splitter portfolio is based on planar lightwave circuit (PLC) technology used to split and combine light. The LGX housings support a variety of split ratios: 1:N and 2:N configurations where N=1 to 64.

LGX configurations are released with LC/APC, LC/UPC, SC/APC, and SC/UPC connectors. CommScope's portfolio of LGX splitters meets OSP operating temperature and environment requirements of -40°C to +70°C.

LGX products are tested to GR-63-CORE packaging requirements and IEC 61300-2-1, 61300-2-4, 61300-2-5, 61300-2-9, 61300-2-19, 61300-2-21, 61300-2-22, 61300-2-4 and 61300-2-45.

## 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>Interface, Input</b>	LC/APC   LC/UPC   SC/APC   SC/UPC
<b>Interface, Output</b>	LC/APC   LC/UPC   SC/APC   SC/UPC
<b>Location of Manufacturing</b>	Waived per BABA waiver for BEAD Program
<b>Split Ratio</b>	Symmetrical

## 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

# LGX-SPLTR-MOD

---

## 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