

BLE120-042-AX-XEX



STARLINE® BLE120 Broadband Line Extender, 1.2 GHz GaN output w /38 dB gain, 5-42 MHz/54-1218 MHz Bandpass split, 24 dB Upstream gain, Electronic module only, Powering option X

- *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.
- Supports 1.2 GHz Downstream and 204 MHz Upstream bandpass for DOCSIS® 3.1 migration
- Modular RF Electronics package with upgradable frequency split options
- Increased gain to allow drop in upgrades for ≥ 750 MHz spacing
- Mechanically compatible with legacy BLE™ amplifier housings
- Expand return path bandwidth with support up to 204 MHz
- Analog and QAM ADU options for automatic gain control (AGC). AGC mode will revert to gain hold mode in the event of pilot loss.

Product Classification

| | |
|--------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Product Type | RF line extender |
| Product Series | BLE120 |
| Government Requirements | Build America Buy America (BABA) compliant* |

General Specifications

| | |
|----------------------------------|---|
| Technology | 1.2 GHz GaN output w/38 dB gain |
| Housing | Electronic Module only |
| Location of Manufacturing | Waived per BABA waiver for BEAD Program |

Dimensions

| | |
|---------------|---------------------|
| Width | 203.2 mm 8 in |
| Depth | 119.38 mm 4.7 in |
| Length | 269.24 mm 10.6 in |

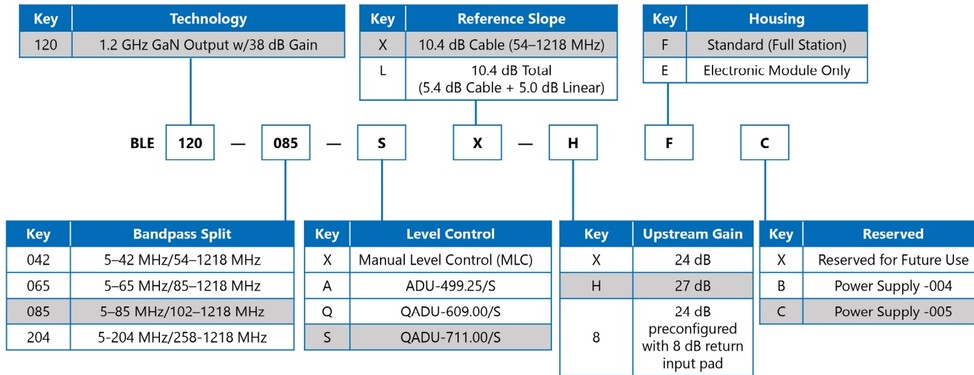
Electrical Specifications

| | |
|-----------------------|------------------------|
| Upstream Gain | 24 dB |
| Bandpass Split | 5-42 MHz / 54-1218 MHz |

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| | |
|--------------------------------|-----------------------------|
| Input Voltage Range, ac | 38–90 V |
| Level Control | ADU-499.25/S |
| Reference Slope | 10.4 dB Cable (54-1218 MHz) |

Ordering Tree



NOTE: Not all combinations of options are valid. Contact your CommScope representative for assistance.

Environmental Specifications

Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)

Packaging and Weights

Weight, net 3.266 kg | 7.2 lb

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ROHS

UK-ROHS

Classification

Above maximum concentration value

Compliant/Exempted

Compliant/Exempted

