

STARLINE® BLE120 Broadband Line Extender, 1.2 GHz GaN output w/38 dB gain, 5-85 MHz/102-1218 MHz Bandpass split, 24 dB Upstream gain, Electronic module only, Powering option B

- 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

General Specifications

Technology	1.2 GHz GaN output w/38 dB gain
Housing	Electronic Module only

Dimensions

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

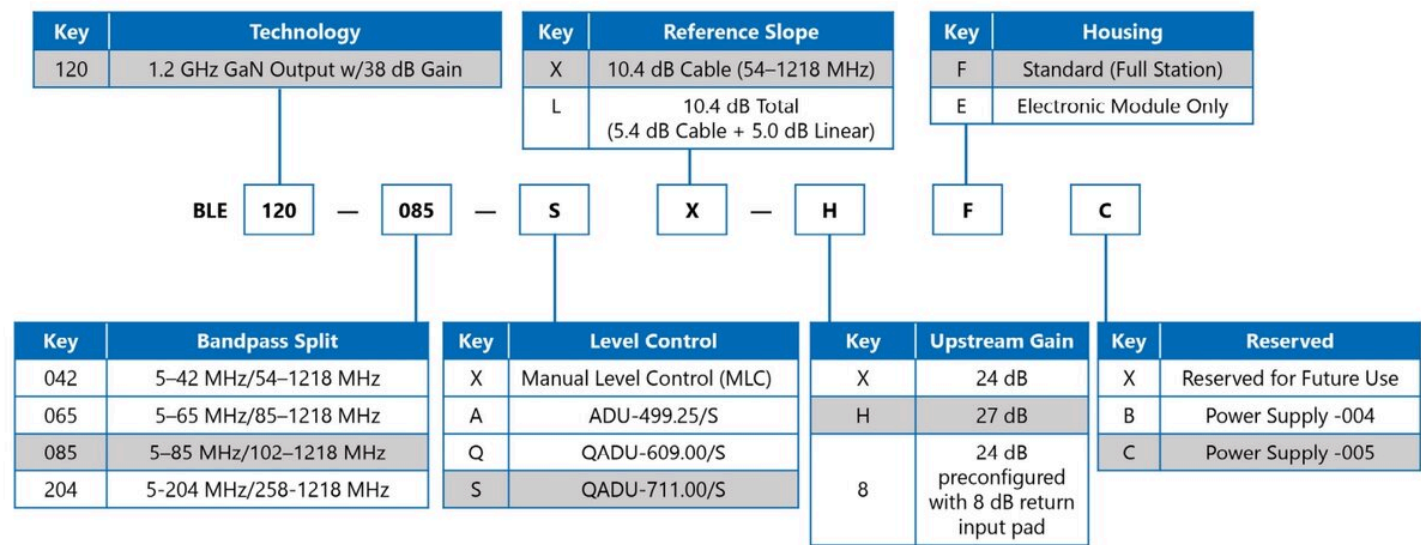
Electrical Specifications

Upstream Gain	24 dB
Bandpass Split	5-85 MHz / 102-1218 MHz
Input Voltage Range, ac	44–90 V

BLE120-085-SL-XEB

Level Control	QADU-711.00/S
Reference Slope	10.4 dB Total (5.4 dB Cable + 5.0 dB Linear)

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)
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Packaging and Weights

Weight, net	3.266 kg 7.2 lb
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



