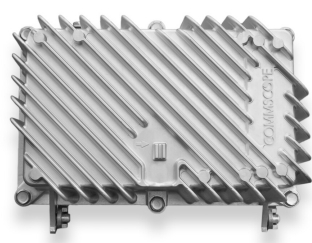


# BLE180-684-PE-XFX



STARLINE® BLE180 Line Extender, 10-684 MHz/834-1794 MHz Bandpass split, Standard housing (full station), 45-90 Vac Powering

- \*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 1.8 GHz Downstream and up to 684 MHz Upstream operation for DOCSIS® 4.0 networks
- Electronic set-up and control for ease of activation and maintenance
- Modular RF Electronics package with field upgradable frequency split options
- Mechanically compatible with legacy 1 GHz and 1.2 GHz BLE® amplifier housings using a 1.8 GHz upgrade kit
- Expanded return path bandwidth with support up to 684 MHz
- Dual pilot, frequency agile AGC support via Signal Monitoring Unit (SMU) plug-in module. AGC mode will revert to gain hold mode in the event of pilot loss
- Able to support 1.2 GHz legacy networks

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Product Type	RF line extender
Product Series	BLE180
Government Requirements	Build America Buy America (BABA) compliant*

## General Specifications

Technology	1.8 GHz GaN output w/43 dB gain
Housing	Standard (Full station)
Location of Manufacturing	Waived per BABA waiver for BEAD Program

## Dimensions

Width	204.47 mm   8.05 in
Depth	175.26 mm   6.9 in
Length	269.24 mm   10.6 in

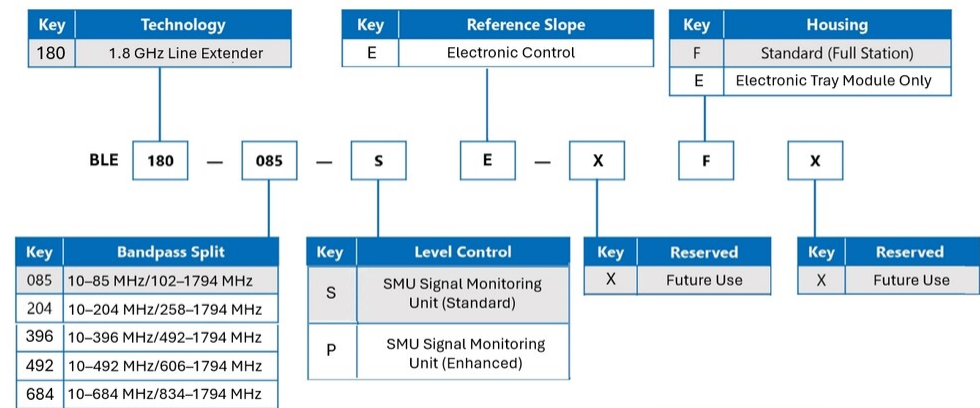
## Electrical Specifications

Bandpass Split	10-684 MHz / 834-1794 MHz
Input Voltage Range, ac	45-90 V

# BLE180-684-PE-XFX

Level Control	SMU Signal Monitoring Unit (Enhanced)
Reference Slope	Electronic Control

## Ordering Tree



## Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
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## Regulatory Compliance/Certifications

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

