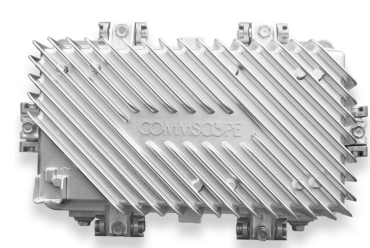


# MB180-396-PE-XX



STARLINE® MB180 1.8 GHz MiniBridger® Amplifier, 10-396 MHz/492-1794 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 MiniBridger 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
- Equipped with two driven RF outputs; Port 3 or 4 can be enabled with optional Splitter or Directional Coupler plug-ins
- Able to support 1.2 GHz legacy networks

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Product Type	RF amplifier
Product Series	MB180
Government Requirements	Build America Buy America (BABA) compliant*

## General Specifications

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

## Dimensions

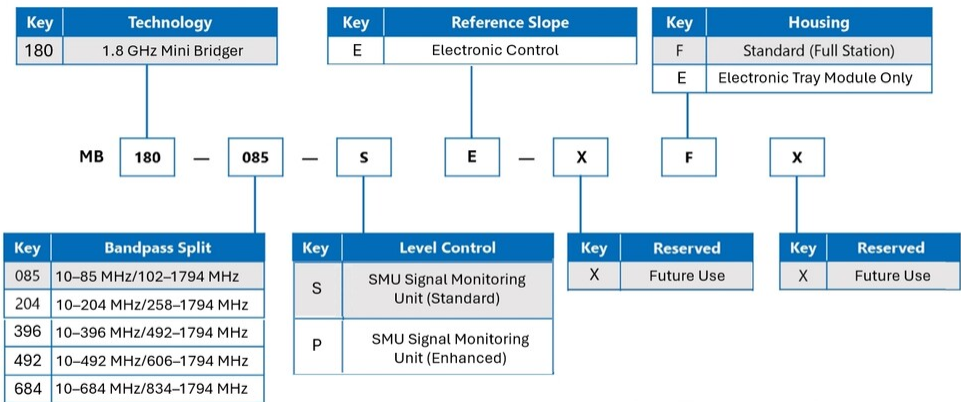
Width	243.84 mm   9.6 in
Depth	171.45 mm   6.75 in
Length	389.89 mm   15.35 in

## Electrical Specifications

# MB180-396-PE-XFX

Bandpass Split	10–396 MHz / 492–1794 MHz
Input Voltage Range, ac	45–90 V
Level Control	SMU Signal Monitoring Unit (Enhanced)
Reference Slope	Electronic Control

## 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)
-----------------------	--------------------------------------

## Regulatory Compliance/Certifications

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

