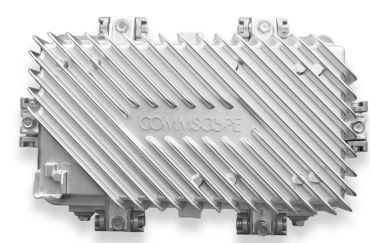


MB180-684-PE-XXF



STARLINE® MB180 1.8 GHz MiniBridger® Amplifier, 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 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

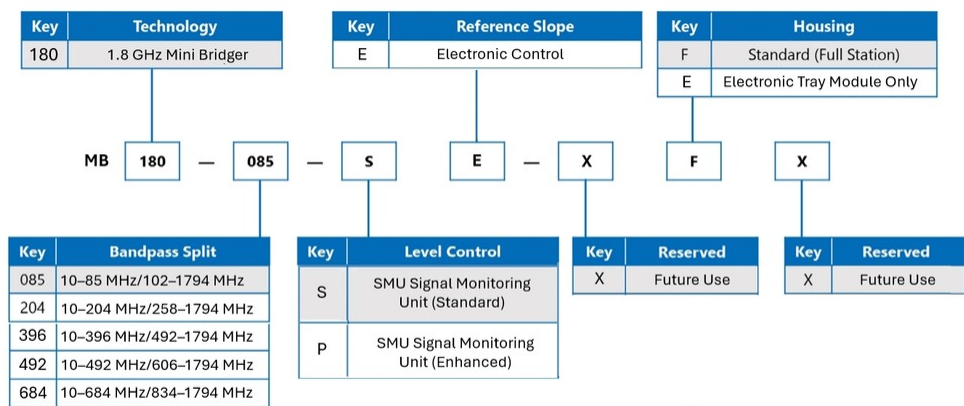
Width	243.84 mm 9.6 in
Depth	171.45 mm 6.75 in
Length	389.89 mm 15.35 in

Electrical Specifications

MB180-684-PE-XFX

Bandpass Split	10–684 MHz / 834–1794 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)
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Regulatory Compliance/Certifications

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

