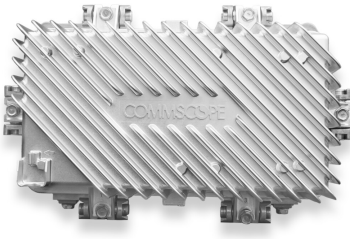


MB180-492-PE-XEX



STARLINE® MB180 1.8 GHz MiniBridger® Amplifier, 10-492 MHz/606-1794 MHz Bandpass split, Electronic tray module only, 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 | Electronic Tray Module Only |
| Location of Manufacturing | Waived per BABA waiver for BEAD Program |

Dimensions

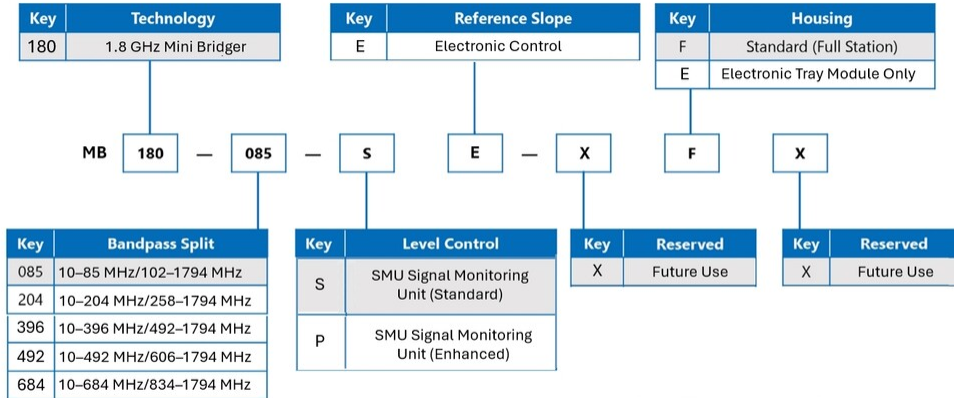
| | |
|---------------|----------------------|
| Width | 243.84 mm 9.6 in |
| Depth | 171.45 mm 6.75 in |
| Length | 389.89 mm 15.35 in |

Electrical Specifications

MB180-492-PE-XEX

| | |
|--------------------------------|---------------------------------------|
| Bandpass Split | 10–492 MHz / 606–1794 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 |

