FML12X042-SHMPA1N



Flex Max® FM332 Broadband Line Extender, 1.2 GHz GaN output w/38 dB Gain, 42-54 MHz Bandpass split, 27 dB Upstream gain, RF module only, 60-90 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 1.2 GHz Downstream and 204 MHz Upstream bandpass for DOCSIS® 3.1 migration
- Increased gain to allow drop in upgrades for ≥ 750 MHz spacing
- Modular RF Electronics package with upgradable frequency split options
- Mechanically compatible with legacy E7/FM330/FM331 amplifier housings
- QAM and Analog ADU options for automatic level control and gain hold 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 FM332

Government RequirementsBuild America Buy America (BABA) compliant*

General Specifications

Technology 1.2 GHz GaN output w/38 dB gain

Housing Electronic Module only

Location of Manufacturing Waived per BABA waiver for BEAD Program

Dimensions

 Width
 243.84 mm | 9.6 in

 Depth
 88.9 mm | 3.5 in

 Length
 312.42 mm | 12.3 in

Electrical Specifications

Upstream Gain 27 dB

Bandpass Split 42/54 MHz **Input Voltage Range, ac** 60-90 V

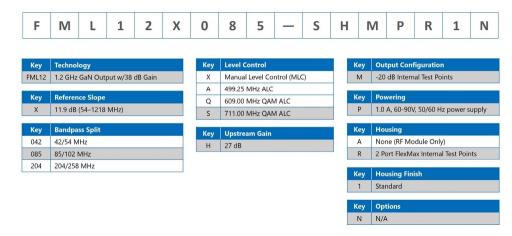
COMMSCOPE®

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Level Control 711.00 MHz QAM ALC

Reference Slope 11.9 dB (54-1218 MHz)

Ordering Tree



Environmental Specifications

Operating Temperature $-40 \, ^{\circ}\text{C} \text{ to } +60 \, ^{\circ}\text{C} \text{ (-40 } ^{\circ}\text{F to } +140 \, ^{\circ}\text{F)}$

Packaging and Weights

Weight, net 4.082 kg | 9 lb

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant/Exempted UK-ROHS Compliant/Exempted

