# FML12X042-AHMPA1N



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 Requirements	Build 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

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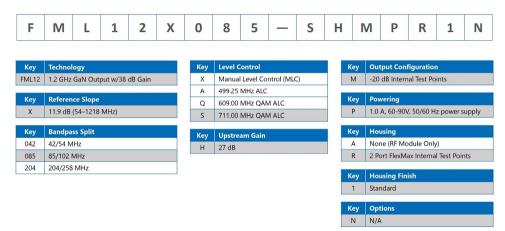
#### Level Control

499.25 MHz ALC

**Reference Slope** 

11.9 dB (54-1218 MHz)

# Ordering Tree



# Environmental Specifications

**Operating Temperature** 

-40 °C to +60 °C (-40 °F to +140 °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



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