FML12X085-XHMPA1N



Flex Max® FM332 Broadband Line Extender, 1.2 GHz GaN output w/38 dB Gain, 85-102 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	85/102 MHz
Input Voltage Range, ac	60-90 V

Page 1 of 2

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 25, 2025



FML12X085-XHMPA1N

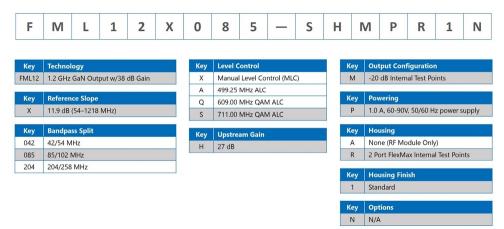
Level Control

Manual Level Control (MLC)

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



Page 2 of 2

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 25, 2025

