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Data Sheet

August 15, 2026

ENI

ENI VPA-1987 RF Power Amplifier

Aumictech offers NIST-traceable calibration and repair for the ENI VPA-1987. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days after receipt. This ENI VPA-1987 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the ENI VPA-1987 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →



MODEL

ENI VPA-1987

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

VPA-1987

LISTING

<https://aumictechlabs.com/products/vpa-1987-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ENI VPA-1987 is a solid-state RF power amplifier, engineered to deliver substantial power across a broad frequency spectrum. This amplifier is ideal for applications demanding high gain, minimal distortion, and consistent operation. Its solid design ensures reliability in both laboratory and industrial settings, providing a versatile solution for RF power amplification needs.

Features & description

From manufacturer datasheet

High power HF ClassAstyle ENI amplifier family

DB15 rear control with interlock enable Forward and reverse power monitor outputs External gain control input Forced air cooled rack or chassis packaging class Technical Specifications Model: VPA-1987 Instrument Type: RF power amplifier Frequency Range Class: 10 kHz to 5 MHz Rated Power Class: 400 W ClosestEAndIEquivalent: 1040L Input Impedance Class: 50 ohm Output Impedance Class: 50 ohm Control Connector: DB15 rear panel Interlock Pins: 14 and 15 must be closed for RF enable External Gain Control: 1 to 10 VDC on pin 5 Bias Reference For Gain Pot: plus 15 VDC on pin 8 Forward Power Monitor: DC voltage on pin 3 Reverse Power Monitor: DC voltage on pin 2 Load Power Monitor: DC voltage on pin 11 Overheat Output: TTL on pin 4 Max Power Output Flag: TTL on pin 1 Auxiliary Plus 5 V: pin 13 Leveling Mode Select: pin 10 and pin 12 Topology: solid state ENI HF amplifier Cooling Class: forced air Form Factor: process RF amplifier chassis Manufacturer: ENI Series Family: ENI VPA megasonic amplifiers Modulation Class: CW and process RF drive Protection Class: thermal and interlock protected AC Powered: yes Notes Frequency and power class from E&I ENI comparison table equating ENI VPA 1987 to E&I 1040L (10 kHz to 5 MHz, 400 W). DB15 pin functions from published ENI Verteq VPA/VNA-1987 service notes. Confirm exact wattage and band on the unit nameplate.

VPA1987 Characteristics / Specifications

PARAMETER	VALUE
Model	VPA-1987
Instrument Type	RF power amplifier
Frequency Range Class	10 kHz to 5 MHz
Rated Power Class	400 W
Closest E And I Equivalent	1040L
Input Impedance Class	50 ohm
Output Impedance Class	50 ohm
Control Connector	DB15 rear panel
Interlock Pins	14 and 15 must be closed for RF enable
External Gain Control	1 to 10 VDC on pin 5
Bias Reference For Gain Pot	plus 15 VDC on pin 8
Forward Power Monitor	DC voltage on pin 3
Reverse Power Monitor	DC voltage on pin 2
Load Power Monitor	DC voltage on pin 11
Overheat Output	TTL on pin 4
Max Power Output Flag	TTL on pin 1
Auxiliary Plus 5 V	pin 13
Leveling Mode Select	pin 10 and pin 12
Topology	solid state ENI HF amplifier
Cooling Class	forced air
Form Factor	process RF amplifier chassis
Manufacturer	ENI
Series Family	ENI VPA megasonic amplifiers
Modulation Class	CW and process RF drive
Protection Class	thermal and interlock protected

PARAMETER	VALUE
AC Powered	yes

VPA1987 Specifications

PARAMETER	VALUE
Applications	Megasonic transducer drive, low-frequency high-power RF laboratory amplification, and process RF sources in the 10 kHz to 5 MHz class.
High power HF Class A style ENI amplifier family	DB15 rear control with interlock enable
Technical Specifications	Model: VPA-1987

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.