

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ENI

ENI 310L Broadband RF Power Amplifier

The ENI 310L is a solid-state Class A RF power amplifier providing more than 10 W linear output from 250 kHz to 110 MHz with usable coverage stated from 150 kHz to 150 MHz. OEM descriptions emphasize unconditional stability into any load and failsafe overload protection with metered output. RFI/EMI laboratory RF drive, general HF/VHF linear amplification, and broadband RF power into unmatched loads. Frequency Range Rated: 250 kHz to 110 MHz Usable Frequency Coverage: 150 kHz to 150 MHz Impedance Class Output Resistance: 50 ohm series equivalent Form Factor Class: laboratory RF amplifier Cooling Class: laboratory amplifier package Specs from ENI 310L product specification summaries. Prefer an original ENI data sheet for gain flatness, harmonics, and AC power draw if needed for installation.



MODEL

ENI 310L

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

310L

LISTING

<https://aumictechlabs.com/products/310l-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ENI 310L is a workhorse RF power amplifier known for its reliability and versatility. Operating from 25 kHz to 300 kHz, It has a stable 10W output. Applications include driving ultrasonic transducers, NMR spectroscopy, and general laboratory use. Its solid design ensures dependable operation even under demanding conditions.

310L Characteristics / Specifications

PARAMETER	VALUE
Frequency Range Rated	250 kHz to 110 MHz
Usable Frequency Coverage	150 kHz to 150 MHz
Linear Output Power	more than 10 W
Class of Operation	ClassAlinear
Band Switching	none
Load Match Requirement	works into any load impedance
Stability	unconditional
Protection	failsafe overload provisions
Output Metering	metered output
Solid State	yes
Intended Use Class	RFI EMI and general laboratory
Output Equivalent Circuit Class	open-circuit voltage source in series with 50 ohm
Rated Lower Frequency	250 kHz
Rated Upper Frequency	110 MHz
Usable Lower Frequency	150 kHz
Usable Upper Frequency	150 MHz
Power Continuity	greater than 10 W linear
Impedance Class Output Resistance	50 ohm series equivalent
Form Factor Class	laboratory RF amplifier
Cooling Class	laboratory amplifier package
Tuning Required	no
Overload Behavior	protected failsafe

310L Specifications

PARAMETER	VALUE
ENI 310L RF Power Amplifier 10 W	Overview
Applications	RFI/EMI laboratory RF drive, general HF/VHF linear amplification, and broadband RF power into unmatched loads.
Technical Specifications	Frequency Range Rated: 250 kHz to 110 MHz

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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Overload Behavior	protected failsafe
Notes	
Specs from ENI 310L product specification summaries. Prefer an original ENI data sheet for gain flatness, harmonics, and AC power draw if needed for installation.	

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.