

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

EAGLE

Eagle RLB150x5-N5A

The Eagle RLB150×5-N5A is a return loss bridge for precision VSWR and return loss measurement across 5 MHz to 3 GHz. It delivers true RF output at the reflected port, directly connectable to network and spectrum analyzers, with an internal precision 50 ohm reference termination that eliminates external reference requirements. Built for laboratory and field service durability. SOURCE, LOAD (DUT), and REFLECTED Connectors: N female (f/f/f) with field-replaceable center pins Power Rating: 5 W maximum (up to 2 minutes); 1 W continuous operation Physical: Brass case, nickel plated; approximately 2.6" W × 4" L × 1.75" H; < 12 Oz Internal precision 50 ohm reference load eliminates need for external reference port Directivity exceeding 40 dB across 50 MHz to 3 GHz enables accurate component characterization



MODEL

Eagle RLB150×5-N5A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

RLB150×5-N5A

LISTING

<https://aumictechlabs.com/products/rlb150x5-n5a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Eagle RLB150×5-N5A is a return loss bridge for precision VSWR and return loss measurement across 5 MHz to 3 GHz. It delivers true RF output at the reflected port, directly connectable to network and spectrum analyzers, with an internal precision 50 ohm reference termination that eliminates external reference requirements. Built for laboratory and field service durability. Technical Specifications Frequency Range: 5 MHz to 3 GHz Directivity: 5 MHz to 50 MHz: > 25 dB 50 MHz to 3 GHz: > 40 dB Return Loss: Source: > 20 dB RL DUT: > 25 dB RL Reflected: > 10 dB

RL Impedance: 50 Ohms Ports: Three SOURCE, LOAD (DUT), and REFLECTED Connectors: N female (f/f/f) with field-replaceable center pins Power Rating: 5 W maximum (up to 2 minutes); 1 W continuous operation Physical: Brass case, nickel plated; approximately 2.6" W × 4" L × 1.75" H; < 12 Oz Key Features Internal precision 50 ohm reference load eliminates need for external reference port Reflected port outputs true RF signal, directly compatible with analyzers Heavy-duty field-replaceable connector pins for extended service life Directivity exceeding 40 dB across 50 MHz to 3 GHz enables accurate component characterization Typical Applications Measurement of VSWR and return loss in filters, mixers, antennas, and amplifiers Characterization of STLs and microwave equipment to 3.0 GHz Generator coupling for intermodulation testing Power splitting and leveling system distribution Adjacent channel rejection and receiver desensitization measurement Two-tone amplifier testing Compatibility & Integration Connects to network analyzers, spectrum analyzers, and RF measurement instrumentation via N-type female connectors. Suitable for both bench laboratory and field service deployment.

RLB150X5N5A Characteristics / Specifications

PARAMETER	VALUE
Model	RLB150×5-N5A
Instrument Type	power supply module
Manufacturer	Eagle
Literature	Eagle RLB150×5-N5A listing
Family	Eagle RLB power modules
Form Factor	power module
System Role	power supply module
Brand Lineage	Eagle
Queue Title	Eagle RLB150×5-N5A
Documentation Type	OEM RLB150×5-N5A listing
Use Case	Embedded DC power in hosts that specify Eagle RLB150×5-N5A
Vendor Path	Eagle
Year Class	RLB150×5-N5A generation
Application Class	power supply module
Module Class	power supply module
Host Class	instrument host per drawing
Connector Class	connectors on the RLB150×5-N5A drawing
Ate Class	embedded power
Control Class	RLB150×5-N5A front panel / firmware
Environment Class	ambient on the RLB150×5-N5A sheet
Mains Class	mains on the RLB150×5-N5A nameplate
Voltage Class	volts on the RLB150×5-N5A nameplate
Current Class	amperes on the RLB150×5-N5A nameplate
Pin Class	pinout on the RLB150×5-N5A drawing
Cooling Class	cooling on the RLB150×5-N5A sheet

RLB150X5N5A Specifications

PARAMETER	VALUE
Applications	Embedded DC power in hosts that specify Eagle RLB150×5-N5A.
Key Features	Eagle RLB150×5-N5A power module
Technical Specifications	Model: RLB150×5-N5A
Notes	From remaining-queue title (Eagle RLB150×5-N5A). Volts, amperes, and pinout are on the RLB150×5-N5A label.

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

From remaining-queue title (Eagle RLB150x5-N5A). Volts, amperes, and pinout are on the RLB150x5-N5A label.

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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NIST-traceable calibration · SAM registered ·
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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.