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Data Sheet
August 14, 2026

KALMUS

Kalmus 747LC

Kalmus 747LC Dual Band RF Power Amplifier The Kalmus 747LC isadual-band RF power amplifier providing 50 W from 10 kHz to 1 GHz with typical 47 dB gain. OEM/reseller specifications list ±2.5 dB unleveled / ±0.5 dB leveled gain flatness and at least 15 dB gain control, with optional GPIB/RS-232. Broadband RF immunity testing and general RF power amplification across LF through UHF in one dual-band enclosure. Architecture: Two separate amplifiers with common power supply and relay band switching The Kalmus 747LC isadual-band RF power amplifier providing 50 W from 10 kHz to 1 GHz with typical 47 dB gain. OEM/reseller specifications list ±2.5 dB unleveled / ±0.5 dB leveled gain flatness and at least 15 dB gain control, with optional GPIB/RS-232. Broadband RF immunity testing and general RF power amplification across LF through UHF in one dual-band enclosure. Architecture: Two separate amplifiers with common power supply and relay band switching RF Connectors: Single input and single output

MODEL **Kalmus 747LC**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **747LC**	LISTING **https://aumictechlabs.com/products/747lc-2/**

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NAICS 423690 · 811210 · 541380

This unit

The Kalmus 747LC is an industrial computer engineered for demanding operational environments where reliability and performance are critical. Designed for industrial automation, process control, and data acquisition applications, this unit combines a rugged enclosure with processing and extensive I/O capabilities for flexible system integration. Technical Specifications Processor

architecture optimized for industrial control systems Multiple I/O ports for versatile connectivity including serial, USB, Ethernet, and digital I/O options Rugged enclosure construction for protection in harsh environments Key Features processing capabilities suitable for real-time control tasks Extensive I/O port configuration enabling integration with diverse peripheral devices and sensor networks Industrial-grade enclosure design for environmental protection Modular architecture supporting scalable system configurations Typical Applications Industrial automation and factory control systems Process control and monitoring Data acquisition and logging Machine vision and inspection systems Field-deployed measurement systems Compatibility & Integration The 747LC supports multiple connectivity standards through its diverse I/O port selection, allowing integration into existing industrial networks and control architectures. The system accommodates both legacy and contemporary communication protocols, making it suitable for retrofit and new installation scenarios across varied manufacturing and process environments.

747LC Characteristics / Specifications

PARAMETER	VALUE
Model	747LC
Manufacturer	Kalmus
Frequency Range	10 kHz to 1000 MHz
Rated Output Power	50 W
Power Gain Typical	47 dB
Gain Flatness Unleveled	±2.5 dB
Gain Flatness Leveled	±0.5 dB
Gain Control Minimum	15 dB
Architecture	Two separate amplifiers with common power supply and relay band switching
RF Connectors	Single input and single output
Load Impedance	50 Ohm
Remote Control Options	GPIB and RS-232 optional
Amplifier Role	Dual-band broadband RF power amplifier
Typical Use	Radiated RF immunity / broadband drive
Form Factor	Benchtop / rack RF amplifier
Series Family	Kalmus LC dual-band amplifiers
Cooling Class	Forced-air class
Operating Mode	CW RF amplification
Band Switching	Internal coaxial relay
Input Path	Common RF input
Output Path	Common RF output
Brand Lineage	Kalmus

747LC Specifications

PARAMETER	VALUE
Kalmus 747LC Dual Band RF Power Amplifier	Overview
Applications	Broadband RF immunity testing and general RF power amplification across LF through UHF in one dual-band enclosure.
Single input and output connectors	Optional GPIB and RS-232 remote control
Technical Specifications	Model: 747LC
Notes	From Kalmus 747LC product specifications (Leasametric/Testwall class listings summarizing OEM ratings).

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 list ±2.5 dB unleveled / ±0.5 dB leveled gain flatness and at least 15 dB gain control, with optional GPIB/RS-232.

Applications
Broadband RF immunity testing and general RF power amplification across LF through UHF in one dual-band enclosure.

Key Features
Dual-band architecture in one enclosure
50 W rated power 10 kHz to 1 GHz
Internal coaxial relay band switching
Single input and output connectors
Optional GPIB and RS-232 remote control

Technical Specifications

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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

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