

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

RACAL

Racal 2461Cf Universal Counter Timer VXI Card

No photo

MODEL

Racal 2461CF

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

2461CF

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Universal counter/timer VXI card (2461 family) • About 200 MHz class frequency measurement (family / 2461A) • Multiple automatic measurement functions (frequency, TI, pulse, phase, etc.) • Single-slot C-size VXI • Option suffix Cf (confirm oscillator/timebase on unit) • Related: 2461-Cd, 2461-Ce; successor 2461A-Cd / 2461A-Ce

2461CF Characteristics / Specifications

PARAMETER	VALUE
Model	2461-Cf
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Universal counter / frequency & time interval VXI module
Form Factor	Single-slot C-size VXIbus
Frequency Range (family / 2461A class)	Channel 1/2 about 600 uHz to 200 MHz
Time Interval Resolution (family / 2461A)	about 1 ns single-shot; about 100 ps average
Functions (family)	Frequency, Period, TI, TI Delay, Rise/Fall, Pulse Width, Duty Cycle, Ratio, Totalize, Phase, DVM
Related Successor	2461A (replaces 2461 Cd/Ce/S variants) Standard Operating Conditions Install incompatible VXI mainframe. Set input ranges and trigger levels per signal amplitude. Use appropriate timebase option for required accuracy. Operational Notes
Related	2461-Cd, 2461-Ce; successor 2461A-Cd / 2461A-Ce

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.

performance frequency and time-interval measurements (about 200 MHz class on Channel 1/2 for later 2461A replacements). Typical automatic functions across the family include frequency, period, time interval, rise/fall, pulse width, duty cycle, ratio, totalize, phase, and DVM (max/min/DC). Suffix letters (Cd, Ce, Cf, and related specials) denote oscillator and option configurations; Ce class often adds TCX0, while Cd is a common no-oscillator listing. The Astronics 2461A is the functional replacement for obsolete 2461 variants including Cd/Ce/S configurations. Confirm faceplate 2461-Cf marking and installed timebase option.

Applications

VXI frequency and time-interval measurement; pulse characterization; automated counter/timer functions in ATE; legacy 2461-program replacement planning with 2461A.

Key Features

- Universal counter/timer VXI card (2461 family)
- About 200 MHz class frequency measurement (family / 2461A)
- Multiple automatic measurement functions (frequency, TI, pulse, phase, etc.)
- Single-slot C-size VXI
- Option suffix Cf (confirm oscillator/timebase on unit)
- Related: 2461-Cd, 2461-Ce; successor 2461A-Cd / 2461A-Ce

Technical Specifications

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Standard Operating Conditions

Install incompatible VXI mainframe. Set input ranges and trigger levels per signal amplitude. Use appropriate timebase option for required accuracy.

Operational Notes

User title is 2461-Cf; catalog may list 2461-Cd nearby-match Cf on the faceplate. Do not invent Cf-specific TCX0 claims without verification on the unit.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.