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Data Sheet

August 13, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-100 VXIbus Switch Carrier

The Astronics/EADS/Racal 1260-100 is a C-size VXIbus switch carrier that accommodates up to six Adapt-a-Switch™ plug-in switch cards for dense, modular switching configurations in automated test equipment and data acquisition systems. The two-slot module features front-loading access for simplified field upgrades and maintenance, with an integrated analog bus enabling dynamic software-controlled multiplexer and matrix configurations. EMI/RFI shielding between plug-in slots ensures signal integrity and crosstalk elimination. Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1260-100. Calibration covers all module-specific parameters per manufacturer datasheet, output accuracy and linearity, frequency accuracy, and VXI register and trigger bus compliance. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business day



MODEL

**Astronics / EADS /
Racal 1260-100**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-100

LISTING

[https://aumictechlabs.c
om/products/1260-100-
2/](https://aumictechlabs.com/products/1260-100-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1260-100 is a C-size VXIbus switch carrier that accommodates up to six Adapt-a-Switch™ plug-in switch cards for dense, modular switching configurations in automated test equipment and data acquisition systems. The two-slot module features front-

loading access for simplified field upgrades and maintenance, with an integrated analog bus enabling dynamic software-controlled multiplexer and matrix configurations. EMI/RFI shielding between plug-in slots ensures signal integrity and crosstalk elimination. Technical Specifications Form Factor & Capacity C-size, two-slot VXIbus module Accommodates up to six Adapt-a-Switch™ plug-in switch cards Weight (empty): 4.4 lbs (2.0 kg) Environmental Performance Operating temperature: 0°C to +55°C Operating altitude: 10,000 ft Relative humidity: 95% ±5% non-condensing at 30°C Vibration: 0.013 in (pk-pk), 5 to 55 Hz Shock: 30 G, 11 ms, ½ sine wave Bench handling: 4-inch drop at 45° Thermal & Performance Worst-case airflow requirement: 3.0 l/s Backpressure: 0.7 mm H₂O Switching response time (register-based): 9 µs maximum Key Features Individual plug-in sparing minimizes system support costs EMI/RFI shielded slots eliminate crosstalk and radiation VXIplug&play support for Microsoft Win32 frameworks Drivers available for LabWindows/CVI and LabVIEW Compatible with Racal Instruments™ Option 01T control interface Typical Applications Automated test equipment (ATE) with modular switching requirements Data acquisition systems requiring dynamic relay configuration Large-scale multiplexing and matrix switching operations Field-upgradeable test systems with minimal downtime Compatibility & Integration The 1260-100 integrates with the VXIbus backplane and supports Ethernet, GPIB, or RS-232 control when equipped with the Option 01T interface. The Option 01T manages up to twelve Adapt-a-Switch™ plug-in cards and supports both register-based and message-based control modes using SCPI and IEEE-488.2 commands. One Option 01T is recommended for every two 1260-100 carrier modules.

Features & description

From manufacturer datasheet

Features

- Two-slot C-size Adapt-a-Switch carrier

1260100 Characteristics / Specifications

PARAMETER	VALUE
Model	1260-100
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Adapt-a-Switch VXIbus switch carrier
Form Factor	C-size, two-slot VXI
Module Capacity	six Adapt-a-Switch plug-ins
Analog Bus	four two-wire channels, 100 ohm impedance, 2 A capacity
RF Shielding	fixed aluminum/steel shields between plug-in slots
Control Type	message-based; register-based A24
Host Interface	VXIbus backplane
Annunciator	FAIL red LED
Ordering	407655; 407655-01T with Option 01T installed
Weight Empty Carrier	4.4 lb (2.0 kg)
Cooling Airflow	3.0 l/s worst-case plug-in configuration
Cooling Backpressure	0.7 mm H ₂ O
Operating Temperature	0 to 55 C
Altitude Operating	10000 ft
MTBF	about 315000 hrs ground-benign 30 C
Related Carrier	1260-101 single-slot / two plug-in class Notes Specs from Astronics 1260-100 datasheet and Adapt-a-Switch manuals. Confirm Option 01T presence and plug-in mix. Carrier alone does not switch signals—ratings follow installed plug-ins.
Non-operating Temperature	40 to 75 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 55 C
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Non-operating Temperature	40 to 75 C
Altitude Operating	10000 ft
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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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Model	1260-100
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Adapt-a-Switch VXIbus switch carrier
Specifications	
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Control Type	message-based; register-based A24
Host Interface	VXIbus backplane
Annunciator: FAIL red LED	
Ordering: 407655; 407655-01T with Option 01T installed	
Weight Empty Carrier: 4.4 lb (2.0 kg)	
Peak Current +5 V (no plug-ins): 1 A	
Dynamic Current +5 V (per plug-in): 1 mA	
Cooling Airflow: 3.0 l/s worst-case plug-in configuration	
Cooling Backpressure: 0.7 mm H2O	
Switching Response Register-based: 9 us max	
Switching Response Message-based: 10 ms typical	
Operating Temperature: 0 to 55 C	
Non-operating Temperature: -40 to 75 C	
Altitude Operating: 10000 ft	
MTBF: about 315000 hrs ground-benign 30 C	
MTTR Replace Plug-in: about 5 min	
Related Carrier: 1260-101 single-slot / two plug-in class	

Notes

Specs from Astronics 1260-100 datasheet and Adapt-a-Switch manuals. Confirm Option 01T presence and plug-in mix. Carrier alone does not switch signals-ratings follow installed plug-ins.

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.