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Data Sheet

August 13, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-35B High-Density Multiplexer Module

The Astronics/EADS/Racal 1260-35B is a high-density multiplexer module designed for efficient data transmission and signal routing in demanding applications. This module features high-density connectivity, enabling numerous signals to be managed within a compact form factor. It is suitable for aerospace, defense, and industrial environments where reliable and precise signal control is critical.

**MODEL****Astronics / EADS /
Racal 1260-35B****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1260-35B****LISTING**[https://aumictechlabs.c
om/products/1260-35b
-2/](https://aumictechlabs.com/products/1260-35b-2/)

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NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1260-35B is a high-density multiplexer module engineered for signal routing and switching in VXI platforms. This C-size module delivers 50 MHz bandwidth and supports up to 250 VDC at 1A per channel, making it suitable for applications requiring flexible multi-channel signal management. The 1260-35B accommodates ten user-selectable configurations, from a single 1×96 two-wire multiplexer to a 1×192 one-wire topology, enabling rapid adaptation to diverse test requirements without hardware changes. Technical Specifications Bandwidth: 50 MHz Maximum Switching Voltage: 250 VDC per channel Maximum Switching Current: 1A per channel Form Factor: Single-slot C-size VXI module Weight: 3.07 lb (1.33 kg)

without Option 01/01T Dimensions: 4.5" H × 0.75" W × 9.5" D Cooling Requirement: 4.0 l/s airflow
Operating Temperature: 0°C to +55°C Non-Operating Temperature: -40°C to +75°C Altitude:
10,000 ft maximum operating altitude Relative Humidity: 85% ±5%, non-condensing Key Features
Configurable Multiplexer Topologies: Switch-selectable configurations include one 1×96, two
1×48, four 1×24, eight 1×12, or sixteen 1×6 two-wire multiplexers; one 1×48, two 1×24, four 1×12,
or eight 1×6 four-wire multiplexers; and one 1×192 one-wire multiplexer Dual Control Interfaces:
Message-based control via Smart Card (Option 01) and register-based control via Option 01T
interface Local Control: Racal LBus compatibility Relay Coil Monitoring: Available for confidence
checking Register-Based Operation: Control registers manage eight channels simultaneously with
per-bit relay control Low Thermal Offset: Minimizes measurement error in sensitive applications
User Connector Options: IDC ribbon cable connectors (1260-35) or crimp-pin connectors (1260-
35A) Typical Applications Continuity testing, signal path verification, multi-channel sensor
switching, automated test equipment integration, and complex signal routing within laboratory and
production environments. Compatibility & Integration The module integrates with Racal
Instruments 1260-100 and 1260-101 Adapt-A-Switch VXI carriers, as well as the 1256 GPIB/RS-232
switching mainframe and 1256L LXI Core 2011-compliant mainframe.

Features & description

From manufacturer datasheet

Features

- Configurable 1×96 two-wire down to 16×6 two-wire class

126035B Characteristics / Specifications

PARAMETER	VALUE
Model	1260-35B
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-density VXI multiplexer / scanner
Form Factor	C-size, single-slot VXI
Base Configuration	1×96 two-wire multiplexer
Configurable Topology	1×96; 2×48; 4×24; 8×12; 16×6 two-wire class
Maximum Switching Voltage	220 VDC / 250 VAC class
Maximum Switching Current	1 A per channel
Maximum Switching Power	30 W / 62.5 VA class per channel family
Bandwidth	about 50 MHz (family)
User Connector	64-pin IDC ribbon class (1260-35 base; confirm 35B mating)
Control	Option 01 message-based or Option 01T message/register-based
Confidence Checking	relay coil current monitoring available
Thermal Offset	low thermal EMF (family)
Ordering Family	404944 class with configuration suffixes (-296 1×96, etc.)
Operating Temperature	0 to 55 C class (1260 series)
NSN Class	6625-01-408-6029 family listings Notes Specs from Racal/Astronics 1260-35 family datasheets and 35B register-control notes. Confirm faceplate 35 vs 35A vs 35B, installed jumper configuration, and IDC vs crimp mating before cabling.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 55 C class (1260 series)
Operating Temperature	0 to 55 C class (1260 series)
NSN Class	6625-01-408-6029 family listings Notes Specs from Racal/Astronics 1260-35 family datasheets and 35B register-control notes. Confirm faceplate 35 vs 35A vs 35B, installed jumper configuration, and IDC vs crimp mating before cabling.

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

Specifications

PARAMETER	VALUE
Model	1260-35B
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-density VXI multiplexer / scanner

Specifications

PARAMETER	VALUE
Form Factor	C-size, single-slot VXI
Base Configuration	1x96 two-wire multiplexer
Configurable Topology	1x96; 2x48; 4x24; 8x12; 16x6 two-wire class

Four-Wire Modes: 1x48, 2x24, 4x12, 8x6 four-wire class (family jumpers)

One-Wire Scanner: 1x192 one-wire class

Specifications

PARAMETER	VALUE
Maximum Switching Voltage	220 VDC / 250 VAC class
Maximum Switching Current	1 A per channel
Maximum Switching Power	30 W / 62.5 VA class per channel family

Specifications

PARAMETER	VALUE
Bandwidth	about 50 MHz (family)
User Connector	64-pin IDC ribbon class (1260-35 base; confirm 35B mating)
Control	Option 01 message-based or Option 01T message/register-based

Confidence Checking: relay coil current monitoring available

Thermal Offset: low thermal EMF (family)

Ordering Family: 404944 class with configuration suffixes (-296 1x96, etc.)

Operating Temperature: 0 to 55 C class (1260 series)

NSN Class: 6625-01-408-6029 family listings

Notes

Specs from Racal/Astronics 1260-35 family datasheets and 35B register-control notes. Confirm faceplate 35 vs 35A vs 35B, installed jumper configuration, and IDC vs crimp mating before cabling.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.