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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1370A

Pairs with external SPDT coaxial switches Product Family: E1368A/E1369A/E1370A microwave switch family Max Current Per Switch Drive: 1 A (also limited by mainframe) Control Interface: front panel drive connectors Product Family: E1368A/E1369A/E1370A microwave switch family Max Current Per Switch Drive: 1 A (also limited by mainframe) Control Interface: front panel drive connectors Switching Speed Class: tens of ms class per family



MODEL

**Agilent / Keysight
E1370A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1370A

LISTING

[https://aumictechlabs.c
om/products/e1370a-2/](https://aumictechlabs.com/products/e1370a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight E1370A is a VXI driver module for microwave switches and programmable step attenuators operating up to 26.5 GHz. This B-size, 2-slot register-based module supplies control, drive, and power circuitry to support either single-pole multi-throw switches or broadband step attenuators in 50 Ω systems. Technical Specifications Module Format: B-size VXI, 2-slot, register-based architecture Frequency Range: Up to 26.5 GHz (limited by installed switch or attenuator) Impedance: 50 Ω Connector Interface: 14-pin DIP socket for switch/attenuator connection Power Supply: Selectable internal or external energizing power RF Connectors: APC-3.5 (SMA compatible) on switches; SMA female standard on attenuators Key Features Microwave Switch Support Accommodates Keysight 8766K (SP3T), 8767K (SP4T), 8768K (SP5T), and 8769K (SP6T) unterminated switches. Each module accepts a single switch unit connected via the 14-pin DIP socket, allowing internal mounting or remote cabling. Programmable Step Attenuator Support

Compatible with Keysight 33320G/H, 33321G/H, 33322G/H, and 33323K series attenuators.

Attenuators feature broadband accuracy, high repeatability, and rapid switching with programmable steps of 1 dB or 10 dB resolution up to 110 dB maximum attenuation. Some models cover DC to 18 GHz. Cabling Flexibility For operation up to 18 GHz, high-quality flexible cable with SMA connectors is recommended. Frequencies above 18 GHz require semi-rigid type cable with APC 3.5 connectors. Typical Applications RF/microwave test and measurement systems requiring automated switching Frequency-dependent attenuation in signal conditioning circuits Multi-port source/load switching in network analysis Broadband signal routing in millimeter-wave test setups Compatibility & Integration Designed for integration into VXI mainframe systems with register-based command control. The module's dual-slot configuration and DIP socket architecture enable either local component installation or distributed remote switching topologies across multiple mainframes.

E1370A Characteristics / Specifications

PARAMETER	VALUE
Product Family	E1368A/E1369A/E1370A microwave switch family
Module Role	microwave switch driver
Module Size	B
Slots Occupied	1
VXI Device Type	register based
Driver Output Voltage	5 V or 12 V
Max Current Per Switch Drive	1 A (also limited by mainframe)
Max External Energizing Voltage	30 V
Related Switch Module	E1368A
Related Driver Sibling	E1369A
Bus Connector	P1
C Size Use	adapter required
Programming	SCPI with command module
Operating Temperature Class	0 to 55 C
Form Factor	1 slot B-size
Control Interface	front panel drive connectors
Power Rails	VXI +5/+12
Logical Address	switch selectable
Switching Speed Class	tens of ms class per family
RF Path	external to module
Family Frequency Companion	dc to 18 GHz with suitable switches
Break Before Make Class	per driven switch
Documentation	E1368A/69A/70A family manuals
Operating temperature	Class: 0 to 55 C

E1370A Specifications

PARAMETER	VALUE
Agilent E1370A Microwave Switch Driver	Overview
Applications	External microwave switch control in B-size VXI ATE and expansion of RF path switching beyond onboard E1368A switches.
Key Features	E1368/69/70 family drive electronics
Technical Specifications	Product Family: E1368A/E1369A/E1370A microwave switch family

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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RF Path	external to module
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Break Before Make Class	per driven switch
Documentation	E1368A/69A/70A family manuals Notes Drive limits and family identity from Agilent E1368A/E1369A/E1370A OEM family documentation. Confirm E1370A-specific connector mapping in the family manual.

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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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.