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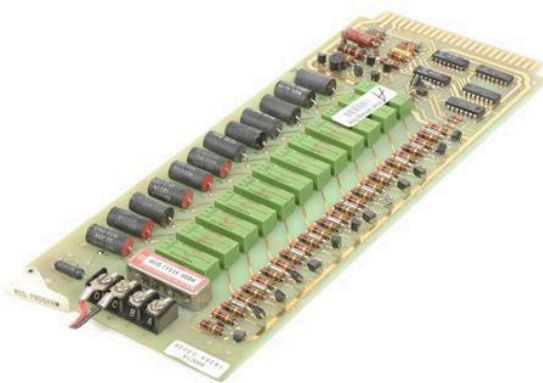
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 69501A Multiprogrammer Extender

HP Agilent 69501A Multiprogrammer Extender The HP 69501A extends 6940B/6942A multiprogrammer card cages with additional I/O slots. OEM 6940B/69500 accessory data list the 69501A as a multiprogrammer extender chassis sharing the 6940B data bus so extra analog/digital I/O cards (such as 69771A digital input and 69791A high-speed memory) can be added beyond the mainframe capacity. Expanding HP 6940B/6942A automated test I/O card count. Instrument Type: Multiprogrammer extender The HP 69501A extends 6940B/6942A multiprogrammer card cages with additional I/O slots. OEM 6940B/69500 accessory data list the 69501A as a multiprogrammer extender chassis sharing the 6940B data bus so extra analog/digital I/O cards (such as 69771A digital input and 69791A high-speed memory) can be added beyond the mainframe capacity. Expanding HP 6940B/6942A automated test I/O card count. Instrument Type: Multiprogrammer extender Host Mainframes: HP 6940B 6942A multiprogrammers



MODEL

**Agilent / Keysight
69501A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

69501A

LISTING

<https://aumictechlabs.com/products/69501a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 69501A is a precision calibration kit tailored for network analyzers. It facilitates accurate calibration of test setups, guaranteeing dependable measurements.

Encompassing all essential components for calibrating diverse network analyzer systems, this kit ensures optimal performance and accuracy in network analysis applications.

69501A Characteristics / Specifications

PARAMETER	VALUE
Model	69501A
Instrument Type	Multiprogrammer extender
Host Mainframes	HP 6940B 6942A multiprogrammers
Function	additional I/O card slots on the 6940 data bus
Example Cards	69771A digital input analog comparator; 69791A high-speed memory
Manufacturer	HP Agilent Keysight
Mechanical Package	extender chassis
Bus	6940/6942 multiprogrammer bus
Documentation	HP 6940B/69501A multiprogrammer accessory data
Application Class	ATE I/O expansion
Related 6940B	multiprogrammer mainframe already in the OEM library
Power	extender power as published for 69501A
Control	programmed via the 6940B/6942A HP-IB
Duty	continuous ATE I/O
Card Family	697xx multiprogrammer cards
Mounting	rack/system cabinet
Data Path	shared with the mainframe
Expansion Role	more slots than the mainframe alone
Digital Input Card	69771A
Memory Card	69791A
System Family	HP 6940/69500 multiprogrammer
Slot Expansion	adds I/O slots beyond the 6940B cage

69501A Specifications

PARAMETER	VALUE
HP Agilent 69501A Multiprogrammer Extender	Overview
Applications	Expanding HP 6940B/6942A automated test I/O card count.
Key Features	Extends 6940B/6942A card capacity
Shares multiprogrammer data bus	Holds 697xx I/O cards
Rack/system ATE expansion	Works with 69771A and 69791A cards
Technical Specifications	Model: 69501A

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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Mounting	rack/system cabinet
Data Path	shared with the mainframe
Expansion Role	more slots than the mainframe alone
Digital Input Card	69771A
Memory Card	69791A
System Family	HP 6940/69500 multiprogrammer
Slot Expansion	adds I/O slots beyond the 6940B cage
Notes	
From HP 6940B/69500 multiprogrammer accessory data for 69501A extender. Exact extra slot count is on the 69501A sheet; 69771A/69791A are example cards named in the remaining queue.	

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.