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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 16078A

HP Agilent Keysight 16078A Kelvin Clip Leads for 4-Terminal Pair LCR Meters The Keysight 16078A isaKelvin-clip lead set for 4-terminal-pair LCR meters. OEM impedance-accessories catalogs list 16078A Kelvin clip leads for E4980A/AL, E4981A, and E4990A class instruments, providing 4TP Kelvin connection to leaded components. 4-terminal Kelvin measurement of leaded RLC components on E4980/E4990 LCR meters. Applicable Instruments: E4980A/AL, E4981A, E4990A class The Keysight 16078A isaKelvin-clip lead set for 4-terminal-pair LCR meters. OEM impedance-accessories catalogs list 16078A Kelvin clip leads for E4980A/AL, E4981A, and E4990A class instruments, providing 4TP Kelvin connection to leaded components. 4-terminal Kelvin measurement of leaded RLC components on E4980/E4990 LCR meters. Applicable Instruments: E4980A/AL, E4981A, E4990A class Literature: impedance accessories catalog 16078A



MODEL

**Agilent / Keysight
16078A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

16078A

LISTING

<https://aumictechlabs.com/products/16078a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 16078A is a switching matrix adapter that bridges the 4145A Semiconductor Parameter Analyzer and the 4085A Switching Matrix. This interface module enables systematic evaluation of electronic component characteristics through multiplexed measurement pathways. The adapter establishes reliable connection architecture for precise device characterization in both laboratory research and production test environments. Technical Specifications Model:

16078A Manufacturer: Agilent/Keysight Product Type: Switching Matrix Adapter Primary Function: Interface between semiconductor parameter analyzer and switching matrix

Key Features

- Dedicated connection interface for the 4145A Semiconductor Parameter Analyzer
- Integrates with the 4085A Switching Matrix for expanded measurement capability
- Facilitates component-level characterization across multiple device configurations
- Designed for reliable operation in demanding test environments

Typical Applications

- Semiconductor device parameter extraction and characterization
- Multi-point electronic component evaluation
- Production screening and quality assurance testing
- Device physics research and development
- Parametric analysis workflows requiring matrix-based switching

Compatibility & Integration

The 16078A adapter is engineered specifically for integration with the Agilent/Keysight 4145A Semiconductor Parameter Analyzer and 4085A Switching Matrix ecosystem. This configuration enables users to leverage matrix switching capabilities within established parameter analyzer workflows, extending measurement flexibility without requiring separate instrument interfaces.

16078A Characteristics / Specifications

PARAMETER	VALUE
Model	16078A
Instrument Type	Kelvin clip lead set
Terminal Connector	4-terminal pair BNC
Connection	Kelvin clips
Applicable Instruments	E4980A/AL, E4981A, E4990A class
Manufacturer	HP Agilent Keysight
Use Case	leaded component LCR
Form Factor	cable with Kelvin clips
Literature	impedance accessories catalog 16078A
Compensation	open and short at clip plane
Operating Temperature Class	0 to 55 C
Related Clips	16089A/B/C Kelvin clip leads
Related Fixture	16047A/E
Cable	4TP Kelvin
Impedance	4-terminal pair
DUT	axial/radial leaded parts
Voltage	within host LCR rating
Frequency	within host LCR and lead limits
Weight	lead set
Storage	with LCR accessories
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Operating temperature	Class: 0 to 55 C

16078A Specifications

PARAMETER	VALUE
Applications	4-terminal Kelvin measurement of leaded RLC components on E4980/E4990 LCR meters.
Key Features	Kelvin clip 4TP leads
Leaded component connection	BNC 4-terminal-pair instrument end
Technical Specifications	Model: 16078A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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Related Clips	16089A/B/C Kelvin clip leads
Related Fixture	16047A/E
Cable	4TP Kelvin
Impedance	4-terminal pair
DUT	axial/radial leaded parts
Voltage	within host LCR rating
Frequency	within host LCR and lead limits
Weight	lead set
Storage	with LCR accessories
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications Notes Identity from Keysight impedance-accessories catalog 16078A Kelvin clip leads. Maximum frequency and residual impedance after compensation are in the 16078A / host LCR fixture table.

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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Generated August 15, 2026

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