

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight Y1142A

Agilent/Keysight Y1142A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
Y1142A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Y1142A

LISTING

<https://aumictechlabs.com/products/y1142a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight Y1142A is a solder cup connector kit engineered for constructing custom cables compatible with the 34950A Data Acquisition Module. This kit has the interface components necessary to terminate a 78-pin D-sub male connector, build tailored cabling solutions for direct integration into test and measurement systems. Technical Specifications Product Type: Solder Cup Connector Kit Manufacturer: Keysight Technologies Model: Y1142A Maximum Voltage Rating: 60 V Connector Interface: Solder Cup Compatible Connector: 78-pin D-sub male Key Features Solder cup termination design for custom cable assembly Rated for operation up to 60 V Direct compatibility with the Keysight 34950A module Enables flexible cabling configurations for system-specific installations Typical Applications Building custom interconnect cables for data acquisition modules Laboratory test setups requiring tailored cable lengths and routing Integration

of the 34950A module into larger measurement systems Applications where off-the-shelf cable solutions do not meet physical or electrical requirements Compatibility & Integration The Y1142A is designed specifically for use with the Keysight 34950A, a 78-pin D-sub male data acquisition module. The solder cup interface allows engineers to terminate custom cable assemblies directly to the connector body, providing flexibility in cable routing and length. This approach is ideal for laboratory environments where standardized cables may not accommodate specific spatial or integration constraints.

Y1142A Characteristics / Specifications

PARAMETER	VALUE
Model	Y1142A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight Y1142A
Sku	Y1142A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	Y1142A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	Y1142A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight Y1142A
Sku	Y1142A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	Y1142A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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
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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.