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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U5481B

Queue model U5481B is the Keysight U5481B remaining-queue module (title Agilent/Keysight U5481B). U54xxB numbers in this catalog are USB/handheld instrument modules. Exact function and connector are on the U5481B drawing. Sibling remaining-queue SKU U5491A is a different configurator. Manufacturer: Hewlett Packard / Agilent / Keysight Literature: HP/Agilent/Keysight U5481B remaining-queue listing Use Case: USB/handheld hosts that specify U5481B Manufacturer: Hewlett Packard / Agilent / Keysight Literature: HP/Agilent/Keysight U5481B remaining-queue listing Use Case: USB/handheld hosts that specify U5481B Connector Class: connectors on the U5481B drawing



MODEL

**Agilent / Keysight
U5481B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U5481B

LISTING

<https://aumictechlabs.com/products/u5481b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight U5481B is an infrared-to-USB connectivity cable that bridges handheld test instruments to personal computers for real-time data acquisition and instrument control. This adapter enables measurement data transfer from Keysight's U1700 Series Capacitor and LCR Meters and the U1401A Multifunction Calibrator/Meter, supporting data logging and remote control workflows without replacing the instrument itself. Technical Specifications Interface: Infrared (IR) to USB Baud Rate: 19,200 bits per second maximum Cable Length: 1.5 meters Operating Temperature Range: 0 to 50°C Power Supply Voltage: 3.3 V to 5 V (instrument-supplied) Operating System Support: Windows 8 Key Features Direct IR-to-USB conversion eliminates the

need for legacy serial interfaces 1.5 meter cable length provides flexible instrument-to-computer spacing Fast data transfer at 19,200 bps supports efficient logging of measurement sequences Low-voltage operation compatible with battery-powered handheld meters Replaces the U5481A model with improved USB compatibility Typical Applications Automated capacitance and inductance measurement data collection Calibration tracking and compliance documentation Real-time LCR parameter monitoring during production testing Remote meter configuration and control from the test station PC Compatibility & Integration The U5481B integrates with the following Keysight instruments: U1700 Series Handheld Capacitor Meters U1700 Series Handheld LCR Meters U1401A Handheld Multifunction Calibrator/Meter Keysight supplies drivers, firmware, and software through its technical support resources. A datasheet and additional documentation are available to support integration planning.

U5481B Characteristics / Specifications

PARAMETER	VALUE
Model	U5481B
Instrument Type	USB / handheld module
Manufacturer	Hewlett Packard / Agilent / Keysight
Literature	HP/Agilent/Keysight U5481B remaining-queue listing
Family	Keysight U54xxB class
Form Factor	U54xxB module
System Role	USB / handheld module
Brand Lineage	HP / Agilent / Keysight
Queue Title	Agilent/Keysight U5481B
Documentation Type	OEM U5481B listing
Use Case	USB/handheld hosts that specify U5481B
Vendor Path	HP / Agilent / Keysight
Year Class	U5481B generation
Application Class	USB / handheld module
Module Class	USB / handheld module
Host Class	instrument host per drawing
Connector Class	connectors on the U5481B drawing
Ate Class	USB/handheld instrument
Control Class	U5481B front panel / firmware
Environment Class	ambient on the U5481B sheet
Mains Class	mains on the U5481B nameplate
Voltage Class	volts on the U5481B nameplate
Current Class	amperes on the U5481B nameplate
Sibling	U5491A isadifferent remaining-queue configurator

U5481B Specifications

PARAMETER	VALUE
Agilent Keysight U5481B Module	Overview
Applications	USB/handheld hosts that specify U5481B.
Key Features	Keysight U5481B remaining-queue module
U54xxB USB/handheld class	Sibling U5491A is a different SKU
Technical Specifications	Model: U5481B
Notes	From remaining-queue title Agilent/Keysight U5481B. Function and connector are on the U5481B drawing.

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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Notes	
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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.