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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 16555-61606 (2) 40-Pin to 50-Pin Probe/Pod Cable

This is a Keysight/Agilent/HP 16555-61606 Probe/Pod Cable. It adapts from (2) 40-Pin connectors to a 50-Pin connector, facilitating connections between logic analyzers or other test equipment and target systems. It is designed to reliably transmit signals in testing environments.

**MODEL****Keysight / Agilent /
HP 16555-61606****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****16555-61606****LISTING**<https://aumictechlabs.com/products/16555-61606-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 16555-61606 is a probe/pod cable assembly that adapts dual 40-pin connectors to a single 50-pin interface for logic analyzer systems. This 4.5 ft (1.37 m) cable enables direct connection between 16500 Series logic analyzer mainframes and target measurement points, supporting both state/timing and pattern generation workflows. Technical Specifications Cable Length: 4.5 ft (1.37 m) Connector Type A: Two 40-pin connectors Connector Type B: Single 50-pin connector Operating Temperature: 0 °C to 65 °C Storage/Shipping Temperature: -40 °C to +75 °C Storage/Shipping Humidity: Up to 90% relative humidity at 65 °C Key Features Dual 40-pin to 50-pin adapter configuration enables flexible probe pod integration Standard pin connectors designed for repeated engagement in laboratory and field environments

Temperature-rated construction supports extended operational deployments Typical Applications Multi-channel state and timing analysis on digital circuits High-channel-count logic acquisition with 16500 Series mainframes Pattern generation and verification workflows Digitizing oscilloscope applications within the 16500 platform Compatibility & Integration The 16555-61606 interfaces directly with Keysight/Agilent/HP 16500 Series Logic Analyzer mainframes and the following module families: 16555A 68-Channel State/Timing Analyzer Module 16555D 68-Channel State/Timing Analyzer Module 16550A 102-Channel State/Timing Analyzer Module Other 16500 Series state/timing, timing, pattern generator, and digitizing oscilloscope cards

1655561606 Characteristics / Specifications

PARAMETER	VALUE
Model	16555-61606
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Probe / pod cable
Alias	16555-61606
Parent Module	16555A / 16555D logic analyzer
Pin Host	50 pin pod
Pin Probe	40 pin
Function	40 pin to 50 pin interconnect
Listing Quantity	often two cables
Host State Class	110 MHz class 16555
Host Timing Class	500 MHz class 16555
Host Mainframe	16500B/C
Related 16550A	102-channel 100/500 MHz sibling uses 16550 cables
Form	ribbon/pod cable
Status	HP 16555 accessory
Installation	16555 pod to 40-pin probe
Documentation	16555 probe/cable list
Use	restore listed pod cable
Compatibility	16555-series pods
Identification	16555-61606
NotAModule	cable only
ESD	observe probe ESD
Duty	as 16555 measurement
Calibration	not applicable to cable
Length Class	16555 pod cable (confirm on the part)

PARAMETER	VALUE
Cooling	none
Safety	none beyond DUT voltages on probes Notes Identity from HP 16555-61606 40-pin to 50-pin probe/pod cable for 16555 modules. Confirm 16555 versus 16550/167xx cable dashes. Electrical rates belong to the module.

1655561606 Specifications

PARAMETER	VALUE
Applications	16555 module pod/probe interconnect
Key Features	40-pin to 50-pin pod cable
Often supplied as a pair	Not a 16550A 16550-series cable unless labeled
Technical Specifications	Model: 16555-61606

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.
Applications
16555 module pod/probe interconnect
40-pin probe family on 50-pin analyzer pods
Service spare 16555-61606 (often two)
Key Features
40-pin to 50-pin pod cable
Parent 16555A/D logic analyzer
Often supplied asapair
Not a 16550A 16550-series cable unless labeled
Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	16555-61606
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Probe / pod cable

Specifications

PARAMETER	VALUE
Alias	16555-61606
Parent Module	16555A / 16555D logic analyzer
Pin Host	50 pin pod

Specifications

PARAMETER	VALUE
Pin Probe	40 pin
Function	40 pin to 50 pin interconnect
Listing Quantity	often two cables

Specifications

PARAMETER	VALUE
Host State Class	110 MHz class 16555
Host Timing Class	500 MHz class 16555

PARAMETER	VALUE
Host Mainframe	16500B/C

Specifications

PARAMETER	VALUE
Related 16550A	102-channel 100/500 MHz sibling uses 16550 cables
Form	ribbon/pod cable
Status	HP 16555 accessory

Specifications

PARAMETER	VALUE
Installation	16555 pod to 40-pin probe
Documentation	16555 probe/cable list
Use	restore listed pod cable

Specifications

PARAMETER	VALUE
Compatibility	16555-series pods
Identification	16555-61606
NotAModule	cable only

Specifications

PARAMETER	VALUE
ESD	observe probe ESD
Duty	as 16555 measurement
Calibration	not applicable to cable

Specifications

PARAMETER	VALUE
Length Class	16555 pod cable (confirm on the part)
Cooling	none
Safety	none beyond DUT voltages on probes

Notes

Identity from HP 16555-61606 40-pin to 50-pin probe/pod cable for 16555 modules. Confirm 16555 versus 16550/167xx cable dashes. Electrical rates belong to the module.

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.