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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight 85036E Economy Mechanical Calibration Kit, DC to 3 GHz, Type-N, 75 ohm

Family: 85036 75 ohm TypeN Use Case: CATV and 75 ohm coaxial calibration Form Factor: mechanical cal kit in storage case Brand Lineage: Hewlett Packard Agilent Keysight Identity, 75 ohm Type-N interface, and DC to 3 GHz coverage from Keysight analyzer-accessory tables for 85036E. Finer load return-loss and open/short phase limits belong on the 85036E user's-guide electrical table / calibration certificate shipped with the kit. Form Factor: mechanical cal kit in storage case Brand Lineage: Hewlett Packard Agilent Keysight Identity, 75 ohm Type-N interface, and DC to 3 GHz coverage from Keysight analyzer-accessory tables for 85036E. Finer load return-loss and open/short phase limits belong on the 85036E user's-guide electrical table / calibration certificate shipped with the kit.



MODEL

**Agilent / Keysight
85036E**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85036E

LISTING

<https://aumictechlabs.com/products/85036e-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 85036E is an economy-grade mechanical calibration kit for 75-ohm Type-N connector systems operating from DC to 3 GHz. It has precision reference standards for calibrating vector and scalar network analyzers, delivering the essential fixtures needed for accurate measurements on 75-ohm Type-N devices. The kit emphasizes repeatability and

reliability across routine calibration and general RF testing workflows.

Technical Specifications
Frequency Range: DC to 3 GHz Impedance: 75 ohms Connector Type: Type-N Kit Contents: Precision 75-ohm Type-N male fixed termination One-piece 75-ohm Type-N open/short circuit standards

Key Features Precision-machined construction ensures tight control over pin depth, minimizing phase errors in the open and short standards. The female open incorporates a separate-piece inner conductor made from low-dielectric-constant plastic to reduce compensation values. The short features one-piece inner conductors integrated directly with the shorting plane, delivering highly repeatable connections across multiple use cycles. Broadband loads are instrument-grade terminations optimized for performance to 3 GHz. A distributed resistive element on sapphire substrate provides excellent stability and return loss performance. All calibration devices are individually serialized to eliminate cross-contamination between kits and maintain measurement traceability.

Typical Applications Calibration of Keysight network analyzers for 75-ohm Type-N measurements Vector and scalar network analyzer setup and verification General RF testing and routine calibration tasks

Compatibility & Integration The kit integrates with Keysight VNA firmware via calibration kit definition files (.xkt format). Complete technical guidance is provided in the 85036B/E 75 Ohm Type-N Calibration Kit Operating and Service Manual, which includes specifications and replacement part information.

85036E Characteristics / Specifications

PARAMETER	VALUE
Model	85036E
Instrument Type	Economy 75 ohm TypeNmechanical calibration kit
Connector Type	Type N 75 ohm
Frequency Range	DC to 3 GHz
System Impedance	75 ohm
Calibration Method	SOL / OSL
Related Precision Kit	85036B
Host Analyzer Class	8752 8753 8712 75 ohm systems
Operating Temperature Class	plus 15 C to plus 35 C class of 75 ohm TypeNkits
Storage Temperature Class	minus 40 C to plus 75 C
Torque Type N	12 lb-inch (136 N-cm) class
Male And Female Standards	opens shorts loads
Adapters	Type N 75 ohm sex-change adapters in kit lists
Error Corrected Temperature Class	plus or minus 1 C of calibration temperature
Humidity Class	non-condensing laboratory
Inspection Interval Class	annual recertification
Literature	Keysight analyzer accessory table 85036E DC to 3 GHz Type N 75 ohm
Family	85036 75 ohm TypeNUse Case: CATV and 75 ohm coaxial calibration
Form Factor	mechanical cal kit in storage case
Manufacturer	HP Agilent Keysight
Brand Lineage	Hewlett Packard Agilent Keysight
Storage temperature	Class: minus 40 C to plus 75 C
Operating temperature	Class: plus 15 C to plus 35 C class of 75 ohm TypeNkits
Humidity	Class: non-condensing laboratory

85036E Specifications

PARAMETER	VALUE
Applications	SOL calibration of 75 ohm Type-N CATV, video, and broadband devices to 3 GHz.
Key Features	75 ohm Type N opens shorts and loads
Economy kit versus 85036B precision	Specified DC to 3 GHz
Works with 75 ohm 8753 and 8712 class analyzers	Type N 75 ohm torque practice
Technical Specifications	Model: 85036E

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 C to plus 75 C
Operating temperature	Class: plus 15 C to plus 35 C class of 75 ohm TypeNkits
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Humidity Class	non-condensing laboratory
Inspection Interval Class	annual recertification
Literature	Keysight analyzer accessory table 85036E DC to 3 GHz Type N 75 ohm
Family	85036 75 ohm TypeNUse Case: CATV and 75 ohm coaxial calibration
Form Factor	mechanical cal kit in storage case
Manufacturer	HP Agilent Keysight
Brand Lineage	Hewlett Packard Agilent Keysight Notes Identity, 75 ohm Type-N interface, and DC to 3 GHz coverage from Keysight analyzer-accessory tables for 85036E. Finer load return-loss and open/short phase limits belong on the 85036E user's-guide electrical table / calibration certificate shipped with the kit.

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	
Technical Specifications	
PARAMETER	VALUE
Model	85036E
Instrument Type	Economy 75 ohm Type N mechanical calibration kit
Connector Type	Type N 75 ohm
Frequency Range	DC to 3 GHz
System Impedance	75 ohm
Calibration Method	SOL / OSL
Related Precision Kit	85036B
Host Analyzer Class	8752 8753 8712 75 ohm systems
Operating Temperature Class	plus 15 C to plus 35 C class of 75 ohm Type N kits
Storage Temperature Class	minus 40 C to plus 75 C
Torque Type N	12 lb-inch (136 N-cm) class
Male And Female Standards	opens shorts loads
Adapters	Type N 75 ohm sex-change adapters in kit lists
Error Corrected Temperature Class	plus or minus 1 C of calibration temperature
Humidity Class	non-condensing laboratory
Inspection Interval Class	annual recertification
Literature	Keysight analyzer accessory table 85036E DC to 3 GHz Type N 75 ohm
Family	85036 75 ohm Type N
Use Case	CATV and 75 ohm coaxial calibration
Form Factor	mechanical cal kit in storage case
Manufacturer	HP Agilent Keysight
Brand Lineage	Hewlett Packard Agilent Keysight
Specifications	
PARAMETER	VALUE
Model	85036E

PARAMETER	VALUE
Instrument Type	Economy 75 ohm TypeNmechanical calibration kit
Connector Type	Type N 75 ohm
Frequency Range	DC to 3 GHz
System Impedance	75 ohm
Calibration Method	SOL / OSL
Related Precision Kit	85036B
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Brand Lineage	Hewlett Packard Agilent Keysight

Notes

Identity, 75 ohm Type-N interface, and DC to 3 GHz coverage from Keysight analyzer-accessory tables for 85036E. Finer load return-loss and open/short phase limits belong on the 85036E user's-guide electrical table / calibration certificate shipped with the kit.

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
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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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.