

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 5, 2026

KEYSIGHT

Keysight (Agilent) 85058D Mechanical Calibration Kit, 1.85mm

Keysight (Agilent) 85058D Mechanical Calibration Kit, 1.85mm The HP/Agilent 85058D is a 1.85 mm economy mechanical calibration kit for vector network analyzers. It provides instrument-grade open, short, and load standards (male/female) plus adapters for broadband error-corrected measurements on 1.85 mm (and mating 2.4 mm) devices. Later Keysight catalog economy kit is commonly 85058E; the standard (higher accuracy) kit is 85058B (to 67 GHz). Confirm kit contents and cal definitions against the specific unit and analyzer definition files. The HP/Agilent 85058D is a 1.85 mm economy mechanical calibration kit for vector network analyzers. It provides instrument-grade open, short, and load standards (male/female) plus adapters for broadband error-corrected measurements on 1.85 mm (and mating 2.4 mm) devices. Later Keysight catalog economy kit is commonly 85058E; the standard (higher accuracy) kit is 85058B (to 67 GHz). Confirm kit contents and cal definitions against the specific unit and analyzer definition files. 1.85 mm VNA calibration; broadband S-parameter error correction; TRM / OS / SOL-class calibrations per kit definition.

No photo

MODEL Keysight 85058D	CALIBRATION N/A — off-catalog OEM datasheet
CONDITION See OEM documentation	STATUS Not listed on Aumictech inventory
RFQ / SKU 85058D	LISTING Off-catalog — OEM dat asheet only

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Connector interface: 1.85 mm (mates with 2.4 mm) • Kit class: Economy mechanical calibration kit • Typical contents (economy 1.85 mm class): male/female offset open, offset short, broadband termination; adapters; torque wrench • Frequency coverage: up to ~65–67 GHz class for 1.85 mm kits (confirm definition on analyzer) • Used for 1-port / 2-port and related mechanical calibrations

85058D Characteristics / Specifications

PARAMETER	VALUE
Model	85058D
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Mechanical Calibration Kit
Family	85058 1.85 mm
Alias	85058D; HP 85058D; Agilent 85058D; related economy successor 85058E RF / Mechanical
Connector	1.85 mm
Role	Economy mechanical VNA calibration standards Operational Notes Prefer HP 85058D / Keysight 85058B/E user's guide 9018-03508 for residual error and recertification intervals. Do not invent individual standard S-parameter tables.
Connector interface	1.85 mm (mates with 2.4 mm)
Kit class	Economy mechanical calibration kit
Typical contents (economy 1.85 mm class)	male/female offset open, offset short, broadband termination; adapters; torque wrench
Frequency coverage	up to ~65–67 GHz class for 1.85 mm kits (confirm definition on analyzer)

85058D Specifications

PARAMETER	VALUE
Applications	1.85 mm VNA calibration; broadband S-parameter error correction; TRM / OS / SOL-class calibrations per kit definition.
Key Features	- Connector interface: 1.85 mm (mates with 2.4 mm)
Technical Specifications	Model: 85058D
RF / Mechanical	Connector: 1.85 mm

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

Specifications

PARAMETER	VALUE
Model	85058D
Manufacturer	Keysight Technologies (Agilent / HP)
Instrument Type	Mechanical Calibration Kit
Family	85058 1.85 mm
Alias	85058D; HP 85058D; Agilent 85058D; related economy successor 85058E

RF / Mechanical

Connector: 1.85 mm

Role: Economy mechanical VNA calibration standards

Operational Notes

Prefer HP 85058D / Keysight 85058B/E user’s guide 9018-03508 for residual error and recertification intervals. Do not invent individual standard S-parameter tables.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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>

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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.