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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 85099C

HP Agilent Keysight 85099C Type F 75 Ohm RF ECal Module The Keysight 85099C is a 75 ohm Type-F electronic calibration (ECal) module. OEM ECal catalogs list 85099C Type-F 75 ohm ECal for 8753/ENA 75 ohm systems, typically 300 kHz to 3 GHz class matching 85039 Type-F mechanical kits. One-connection SOLT calibration of 75 ohm Type-F CATV devices on 8753/ENA. Instrument Type: RF electronic calibration module The Keysight 85099C is a 75 ohm Type-F electronic calibration (ECal) module. OEM ECal catalogs list 85099C Type-F 75 ohm ECal for 8753/ENA 75 ohm systems, typically 300 kHz to 3 GHz class matching 85039 Type-F mechanical kits. One-connection SOLT calibration of 75 ohm Type-F CATV devices on 8753/ENA. Instrument Type: RF electronic calibration module Frequency Class: 300 kHz to 3 GHz matching Type F 75 ohm kits

**MODEL****Agilent / Keysight
85099C****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****85099C****LISTING**<https://aumictechlabs.com/products/85099c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight 85099C is an RF electronic calibration module that delivers full two-port network analyzer calibration through a single connection. This 75 Ohm ECal unit eliminates the complexity and connector wear associated with mechanical calibration kits, while maintaining calibration accuracy traceable to NIST standards. Solid-state switching architecture minimizes operator interaction and reduces potential for measurement errors. The module connects directly to

Keysight PNA and ENA series analyzers via USB control interface, enabling rapid calibration cycles without multiple reconnections. Technical Specifications Frequency Range: 300 kHz to 3 GHz Impedance: 75 Ohm Connector Type: Type-F Ports: 2-port Weight: Approximately 4 lbs Key Features Single-connection full two-port calibration reduces setup time and connection cycles NIST traceable accuracy comparable to mechanical calibration methods Solid-state switching eliminates mechanical connector wear USB direct control integration with host analyzer Minimized operator interaction reduces calibration errors Typical Applications Production and field verification of vector network analyzers Routine calibration maintenance in laboratory environments Rapid performance validation without kit reconfiguration Compatibility & Integration Direct USB interface with Keysight PNA and ENA series network analyzers. Type-F connectors support standard 75 Ohm RF measurements across the 300 kHz to 3 GHz operating range.

85099C Characteristics / Specifications

PARAMETER	VALUE
Model	85099C
Instrument Type	RF electronic calibration module
Connector Type	Type F 75 ohm
System Impedance	75 ohm
Frequency Class	300 kHz to 3 GHz matching Type F 75 ohm kits
Related Mechanical Kit	85039A/B Type F 75 ohm DC to 3 GHz
Related Economy N	85036E Type N 75 ohm DC to 3 GHz
Host Analyzers	8753 ENA PNA 75 ohm
Manufacturer	HP Agilent Keysight
Form Factor	ECal module
Literature	85099C Type-F ECal catalogs
Interface	ECal USB/parallel per module
Use Case	75 ohm TypeFSOLT
Operating Temperature Class	ECal 20 C to 30 C class
Storage Temperature Class	minus 40 C to plus 70 C
Calibration	factory characterization data in module
Ports	Type F 75 ohm
Related 50 Ohm Ecal	85091/85092/N469x
Power	from analyzer ECal port
Recertification	annual class
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Storage temperature	Class: minus 40 C to plus 70 C
Operating temperature	Class: ECal 20 C to 30 C class

85099C Specifications

PARAMETER	VALUE
HP Agilent Keysight 85099C Type F 75 Ohm RF ECal Module	Overview
Applications	One-connection SOLT calibration of 75 ohm Type-F CATV devices on 8753/ENA.
Key Features	Type F 75 ohm ECal
Electronic calibration	USB/ECal interface to PNA/ENA/8753
Faster than mechanical 85039	75 ohm CATV
Technical Specifications	Model: 85099C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 C to plus 70 C
Operating temperature	Class: ECal 20 C to 30 C class
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Operating Temperature Class	ECal 20 C to 30 C class
Storage Temperature Class	minus 40 C to plus 70 C
Calibration	factory characterization data in module
Ports	Type F 75 ohm
Related 50 Ohm Ecal	85091/85092/N469x
Power	from analyzer ECal port
Recertification	annual class
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications Notes Identity from Keysight 85099C Type-F 75 ohm ECal listings. Exact start/stop frequency and connector sex options are on the 85099C data sheet / module label.

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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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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<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.