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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight 85092C RF Electronic Calibration Module (ECal), 300 kHz to 9 GHz, Type-N, 50 ohm, 2-port

Torque 1p06 In: 2.2 N-m (8710-2175) listed with 85092C accessories Usb Cable: USB A-B cable 1.8 m, 8121-0506 Calibration Data: unique S-parameter data stored in module memory Control Interface: USB on supported ENA/PNA firmware (see analyzer compatibility table) Usb Cable: USB A-B cable 1.8 m, 8121-0506 Calibration Data: unique S-parameter data stored in module memory Control Interface: USB on supported ENA/PNA firmware (see analyzer compatibility table) From Keysight Reference Guide for legacy ECal Modules 8509xC/N469xA/B/N443xA/B (85092C rows of Table 1-1, mixed-connector Table 1-2, discontinued-module table, and accessory list). Electrical error terms are the module-specific stored S-parameters, not a single return-loss table.



MODEL	CALIBRATION
Agilent / Keysight 85092C	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
85092C	https://aumictechlabs.com/products/85092c-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 85092C is a 2-port RF electronic calibration module (ECal) that replaces mechanical calibration kits for Vector Network Analyzers. Operating from 300 kHz to 9 GHz with Type-N 50 ohm connectors, it delivers fast full two-port calibration via a single connection. Solid-state

switching provides consistent performance while reducing connector wear and operator error. Calibrations are NIST traceable. Technical Specifications Frequency Range: 300 kHz to 9 GHz Ports: 2-port Connector Type: Type-N, 50 ohm Calibration Type: Electronic (ECal) Maximum Input Power: +20 dBm Minimum Input Power: -45 dBm Traceability: NIST traceable Key Features Solid-state switching for reliable, repeatable calibration performance Single-connection full two-port calibration reduces setup time Minimizes operator interaction and measurement variability Stores up to five user-defined characterizations alongside factory data (PNA/ENA series) Significantly extends connector life versus mechanical kits Suitable for non-insertable device calibration Typical Applications VNA calibration and verification across microwave frequencies Production test environments requiring fast, repeatable calibrations Non-insertable device characterization Compatibility & Integration Native Control: USB interface; directly controlled from PNA and ENA series front panels Extended Compatibility: Optional 85097B interface kit enables use with 8753E/ES/ET or 8720D/ES/ET analyzers Connector Options: Available in mixed-connector configurations including Type-N 50 ohm, 3.5 mm, and 7-16 combinations

85092C Characteristics / Specifications

PARAMETER	VALUE
Model	85092C
Instrument Type	Two port RF electronic calibration module
Connector Type Standard	Type N 50 ohm
Operating Frequency	300 kHz to 9 GHz
Mixed Option 103 1	3.5 mm on the mixed-connector table
Mixed Option 201 2	additional mixed connector codes on Table 1-2
Mixed Option 205 2	7-16 mixed connectors; 7-16 limits high frequency to 7.5 GHz
Predecessor 85092A	85092-60001, 30 kHz to 6 GHz Type-N 50 ohm
Predecessor 85092B	85092-60003, 300 kHz to 9 GHz Type-N 50 ohm
Related 85093C	3.5 mm 300 kHz to 9 GHz sibling
Related 85091C	7 mm 300 kHz to 9 GHz sibling
Torque Type N	1.3 N-m (3/4 in wrench 8710-1766) in the 85092C accessory list
Torque 1p06 In	2.2 N-m (8710-2175) listed with 85092C accessories
Usb Cable	USB A-B cable 1.8 m, 8121-0506
Calibration Data	unique S-parameter data stored in module memory
Control Interface	USB on supported ENA/PNA firmware (see analyzer compatibility table)
Ports	2
Series Family	Keysight 8509xC RF ECal
Replacement For	85092A and 85092B

85092C Specifications

PARAMETER	VALUE
Applications	Single-connection two-port ECal of Type-N 50 ohm test ports from 300 kHz to 9 GHz.
Key Features	300 kHz to 9 GHz Type-N 50 ohm ECal
USB control on supported PNAs/ENAs	Replaces 85092A (30 kHz-6 GHz) and 85092B (300 kHz-9 GHz)
Technical Specifications	Model: 85092C

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	85092C
Instrument Type	Two port RF electronic calibration module
Connector Type Standard	Type N 50 ohm
Operating Frequency	300 kHz to 9 GHz
Option M0f Module: 85092-60008 male and female	
Option 00m Module: 85092-60009 male and male	
Option 00f Module: 85092-60010 female and female	
Specifications	
PARAMETER	VALUE
Mixed Option 103 104	3.5 mm on the mixed-connector table
Mixed Option 201 202	additional mixed connector codes on Table 1-2
Mixed Option 205 206	7-16 mixed connectors; 7-16 limits high frequency to 7.5 GHz
Predecessor 85092A	85092-60001, 30 kHz to 6 GHz Type-N 50 ohm
Predecessor 85092B	85092-60003, 300 kHz to 9 GHz Type-N 50 ohm
Related 85093C	3.5 mm 300 kHz to 9 GHz sibling
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Usb Cable	USB A-B cable 1.8 m, 8121-0506
Calibration Data	unique S-parameter data stored in module memory
Control Interface	USB on supported ENA/PNA firmware (see analyzer compatibility table)
Ports	2
Series Family	Keysight 8509xC RF ECal
Replacement For	85092A and 85092B
Notes	
From Keysight Reference Guide for legacy ECal Modules 8509xC/N469xA/B/N443xA/B (85092C rows of Table 1-1,	

mixed-connector Table 1-2, discontinued-module table, and accessory list). Electrical error terms are the module-specific stored S-parameters, not a single return-loss table.

Ordering Information

OPTION	DESCRIPTION
Option 103	104: 3.5 mm on the mixed-connector table
Option 201	202: additional mixed connector codes on Table 1-2
Option 205	206: 7-16 mixed connectors; 7-16 limits high frequency to 7.5 GHz

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.