

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 85043C

Agilent/Keysight 85043C Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
85043C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

85043C

LISTING

<https://aumictechlabs.com/products/85043c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 85043C is a precision electronic calibration (ECal) module that delivers fast, accurate network analyzer calibration through solid-state switching and direct software control. It functions as a transfer standard, propagating factory calibration accuracy to the network analyzer while eliminating operator errors inherent in traditional mechanical methods.

Technical Specifications

Calibration Type: Fast, full two-port calibration with single connection; supports simple non-insertable device calibration

Accuracy: NIST-traceable electronic impedance standards; module S-parameter data stored in onboard memory for error-term calculation

Interface: USB connection for direct control with PNA and ENA series network analyzers

Connectors: Mixed configurations available including 3.5 mm (precision slotless), Type-N 50 ohm,

and 7-16 connectors in male or female options

Key Features

- Solid-state switching ensures reliability and long operational life
- Reduced connector wear versus mechanical calibration kits
- Minimal operator interaction required during calibration procedures
- Unique module characterization enables consistent, verifiable calibrations
- Electronic impedance standards eliminate connector insertion variability

Typical Applications

- Research and development environments requiring frequent calibration
- Manufacturing test floors with high throughput demands
- Field service operations where downtime reduction is critical

Compatibility & Integration

The 85043C connects directly to compatible Agilent/Keysight network analyzers via USB, enabling fully automated calibration workflows controlled through analyzer software. Connector configuration options accommodate diverse impedance and form-factor requirements across test setups.

85043C Characteristics / Specifications

PARAMETER	VALUE
Model	85043C
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85043C
Sku	85043C
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	85043C
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	85043C
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 85043C
Sku	85043C
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	85043C
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.