

KEYSIGHT TECHNOLOGIES (AGILENT HP)

85092C

The Agilent/Keysight 85092C is a high-performance RF Electronic Calibration (ECal) module operating from 300 kHz to 9 GHz. Designed for 50-ohm Type-N vector network analyzer (VNA) calibrations, it enables fast, highly accurate, and repeatable full two-port calibrations with a single connection, significantly reducing connector wear and user-induced errors.

SPECIFICATIONS

RF and Microwave Performance

Frequency Range	300 kHz to 9 GHz
Nominal Impedance	50 Ω
Number of Calibration Ports	2
Port Connector Type	Type-N
Port Gender Configurations	Option 00M (male-male), Option 00F (female-female), Option 00A (male-female)
Switching Technology	Reliable solid-state switching
Calibration Traceability	NIST traceable
Calibration Method Support	Fast full two-port calibration with a single connection

Electrical and Power Ratings

Typical Maximum Input Power	+9.0 dBm
Typical Damage Level	+20.0 dBm

Physical and Mechanical Properties

Recommended Coupling Torque	1.35 N·m (12 lb-in)
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Configuration & Options

Connector Options	Option 00F (female-female), Option 00M (male-male), Option 00A (male-female)
Calibration Certificates	Option UK6 (Commercial calibration certificate with test data), Option 1A7 (ISO 17025 compliant calibration), Option A6J (ANSI Z540 compliant calibration)

TECHNOLOGY

Electronic Calibration (ECal)

APPLICATIONS

Vector Network Analyzer Calibration

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.