

KEYSIGHT TECHNOLOGIES (AGILENT HP)

N4694D

The Keysight N4694D is a 2-port Microwave Electronic Calibration (ECal) module featuring 1.85 mm connectors and covering a frequency range of 10 MHz to 67 GHz (extensible down to DC with Option 0DC). It provides fast, accurate, and repeatable electronic calibration for vector network analyzers and is powered and controlled entirely via USB.

SPECIFICATIONS

General

Interfaces	USB 2.0 (Type-B)
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Physical

Power Supply	Powered via USB
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General Overview

Product Type	Microwave Electronic Calibration (ECal) Module
Number of Ports	2
Operating Frequency Range	10 MHz to 67 GHz (Standard) / DC to 67 GHz (with Option 0DC)
Characteristic Impedance	50 Ω

Port Interfaces

Port A Connector Type	1.85 mm
Port B Connector Type	1.85 mm
Available Connector Genders	Female-Female (Option F0F), Male-Male (Option M0M), Male-Female (Option M0F)

Connectivity and Control

Data Interface	USB 2.0
Compatible Network Analyzers	Keysight PNA, PNA-X, PNA-L, ENA, FieldFox, and Streamline Series

Power Specifications

Power Source	USB
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Compliance and Certifications

Calibration Traceability	NIST traceable
Recommended Calibration Cycle	12 months

Configuration Options

Frequency Option 0DC	DC to 67 GHz
Frequency Option 003	10 MHz to 67 GHz

TECHNOLOGY

Electronic Calibration (ECal)

APPLICATIONS

Vector Network Analyzer (VNA) 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.