

KEYSIGHT TECHNOLOGIES (AGILENT HP)

85029B

The Keysight 85029B (formerly Agilent/HP) is a precision 7 mm (APC-7) vector network analyzer verification kit designed for systems operating from 300 kHz to 6 GHz. It is used to verify the calibration and measurement accuracy of network analyzer systems, providing traceable standards to ensure instrument performance meets established specifications.

SPECIFICATIONS

Physical

Operating Temperature	20 °C to 26 °C °C
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General Specifications

Frequency Range	300 kHz to 6 GHz
Connector Type	7 mm (APC-7)
System Impedance	50 Ω
Compatible Calibration Kit	Keysight 85031B (7 mm)

Kit Contents and Standards

Attenuators Included	20 dB and 50 dB attenuators
Airlines Included	10 cm beadless airline
Mismatch Airlines Included	10 cm stepped impedance airline (mismatch airline)

Electrical Performance Specifications

Attenuator Nominal Attenuation Values	20 dB, 50 dB
Airline Characteristic Impedance	50 Ω nominal

Metrology and Traceability

Calibration Data Media	Floppy disk, CD-ROM, or USB drive (depending on vintage/ manufacturing date)
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Environmental

Storage Temperature	-40 °C to +75 °C
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Compatibility

Recommended Calibration Kit	85031B (7 mm)
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General

Traceability	NIST traceable
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TECHNOLOGY

RF and Microwave Metrology

APPLICATIONS

VNA Calibration Verification

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