KEYSIGHT TECHNOLOGIES (AGILENT HP)

11613B

The Keysight (Agilent) 11613B is a dedicated transfer standard specifically designed for the calibration of Agilent 8757D and 8757E scalar network analyzers. It features a precise 27.778 kHz source, an array of precision attenuators, and dedicated verification and adjustment software designed to update internal calibration parameters directly within the analyzer's nonvolatile memory.

SPECIFICATIONS

General

Interfaces	9-pin ADC interface

General & Metrological Overview

Calibrator Type	Dedicated transfer standard
Compatible Analyzers	Agilent/Keysight 8757D, Agilent/Keysight 8757E
Connector Types	9-pin ADC interface, four 5-pin detector connectors
Internal Components	27.778 kHz source, precision attenuators
Verification Software	Included (verifies and adjusts internal analyzer calibration parameters)

Output Specifications

Signal Symmetry	50 ±2% duty cycle
Signal Frequency	27,778 ±12 Hz
Peak-to-Peak Voltage	10.6 ±0.5 V
Rise Time (10% to 90%)	3.4 ±0.4 µs
Overshoot	Negligible (with high impedance load)

TECHNOLOGY

Analog Calibration Standard

APPLICATIONS

Calibration of Agilent 8757D/E Scalar Network Analyzers

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