

KEYSIGHT TECHNOLOGIES (AGILENT HP)

N3383A

The Keysight (Agilent) N3383A is a 3-port PNA Series vector network analyzer operating from 300 kHz to 9 GHz. Designed to meet the demanding speed and precision requirements of component test, it provides fast sweep speeds, wide dynamic range, low trace noise, and flexible connectivity. With its full three-port error correction capability, the N3383A ensures outstanding measurement accuracy, making it well-suited for both research and development (R&D) and high-volume manufacturing environments.

SPECIFICATIONS

General

Interfaces	GPIO, LAN, USB, VGA
Display	8.4-inch active-matrix color LCD (TFT)
Platform	PNA Series

Physical

Power Supply	90 to 264 VAC, 47 to 63 Hz
Operating Temperature	5 °C to 40 °C °C
Dimensions (W×H×D)	425 mm x 267 mm x 502 mm mm

RF Performance Specifications

Frequency Range	300 kHz to 9 GHz
Number of Test Ports	3
Port Impedance	50 Ω nominal
Frequency Resolution	1 Hz

Measurement & Calibration Capabilities

Calibration Type Support	Full three-port error correction, SOLT, TRL, LRL
Operating System	Windows-based

Measurement Speed & Settings

Sweep Types	Linear, Log, Segment, Power
Maximum Number of Points	16,001

TECHNOLOGY

Vector Network Analysis

APPLICATIONS

RF Component Characterization & Test

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