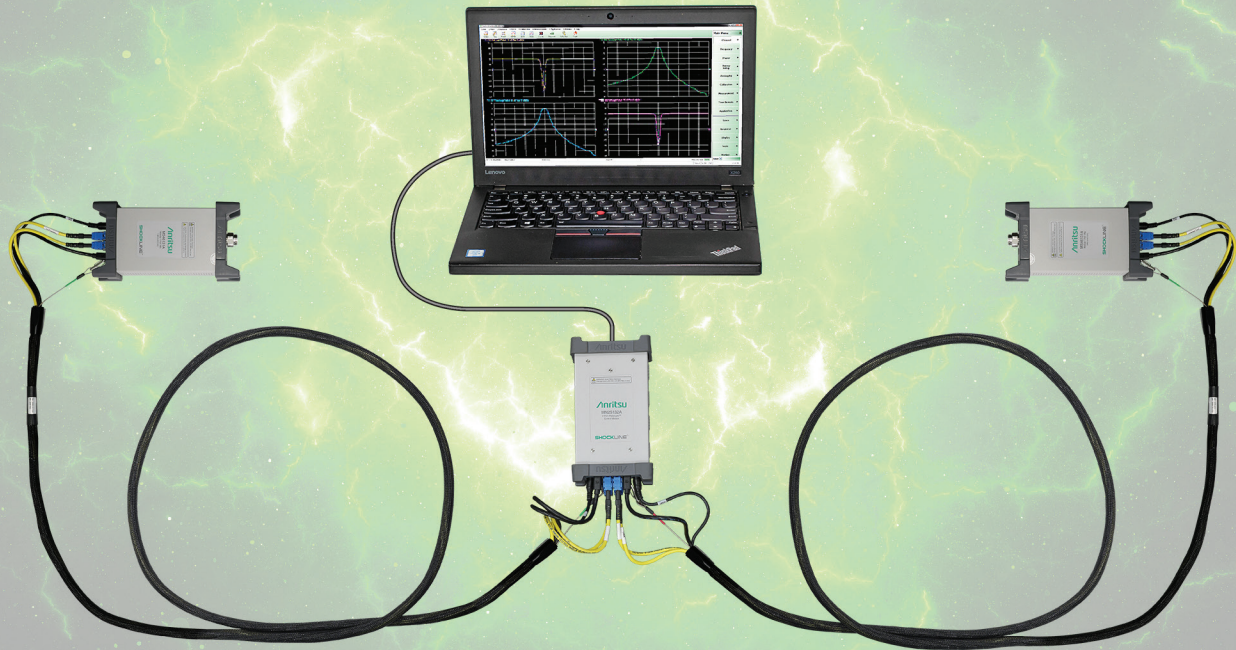


PhaseLync™ Enabled 2-port Distributed VNA ShockLine™ ME7869A



Key Features and Benefits

- World's first distributed VNA capable of making vector corrected, 2-port S-parameter measurements from 1 MHz to 8/20/43.5 GHz for long distance measurements to 20/50/100 meters.
- Resolves issues caused by long, lossy, and phase & magnitude unstable RF coaxial cables for antenna measurements in large chambers, outdoor antenna test ranges (OATS), and large vehicle cable insertion loss/DTF measurements.
- Excellent dynamic range of ~100 dB to 43.5 GHz at the VNA ports (direct connection to antennas).
- Easy to install and operate. No need for expensive benchtop VNAs for applications requiring longer distance measurements such as antenna measurements in anechoic chambers, cable fault detection in large vehicle testing, and shielding effectiveness of large aircrafts, etc.
- The central control module provides power and phase synchronization to the two VNA heads using patented PhaseLync technology for accurate and precise S-parameter measurements.
- Start with a one port VNA, upgrade to two ports with several distance options up to 100 meters.

Applications

- Long Cable Insertion-loss Testing
- Antenna Measurements
 - 1-port Antenna Measurements (resonant frequency, return loss)
 - FR1/FR2/FR3, Satellite, and many more
 - 2-port Antenna Measurements (gain, radiation pattern, group delay, etc.)
- Over-the-Air (OTA) Applications
 - Chamber Installations and Calibration
 - Large Vehicle RF Shielding and Propagation Testing
- System and Path-loss Characterization
- General S-parameters and Time Domain Measurements
- Secure External Computer Control Through Direct USB Connection

About Anritsu

Anritsu is a provider of innovative communications test and measurement solutions. Anritsu engages customers as true partners to help develop wireless, optical, microwave/RF, and digital solutions for R&D, manufacturing, installation, and maintenance applications, as well as multidimensional service assurance solutions for network monitoring and optimization. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. The company develops advanced solutions for emerging and legacy wireline and wireless technologies used in commercial, private, military/aerospace, government, and other markets.



Specifications are subject to change without notice.

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