VNA-P(110GHz)

448G High-Speed Test Solution

Building on the VNA-P's reputation for exceptional measurement range and intuitive operation, we proudly introduce our 110 GHz Millimeter-Wave Vector Network Analyzer. Utilizing an industry-standard Frequency Extender architecture, this solution seamlessly expands the frequency coverage of our classic 67 GHz VNA-P up to 110 GHz, perfectly addressing the demanding requirements of the W-Band.

To meet the challenges of 448G interconnect technologies, superior Signal Integrity analysis is essential. The new 110 GHz VNA-P solution provides the ultra-wide frequency range from 100 kHz to 110 GHz with one continuous sweep while retaining the platform's signature 12.1-inch touch screen interface. This allows production line to master advanced millimeter-wave and high-speed testing within a familiar and efficient environment.

Engineered for 448G High-Speed Transmissions

Provides ultra-wide frequency range up to 110 GHz to precisely analyze high-speed PCB, optical components, and interconnect, meeting the strict Signal Integrity demands of AI servers and data centers.

Scalable Architecture with Frequency Extenders

The 67 GHz VNA-P can be easily upgraded to 110 GHz via optional frequency extenders. This flexible design ensures the equipment evolves with your requirements, effectively protecting your initial investment.

Seamless Transition & Intuitive Operation

Inherits the VNA-P's 12.1-inch high-resolution touch screen and full-featured calibration algorithms. Users can upgrade to millimeter-wave testing without a learning curve, applying the VNA-P's proven ease of use directly to the 110 GHz domain.

Ultimate Precision & Simulation

Combines powerful De-embedding and Fixture Simulation capabilities to ensure measurement plane accuracy even at extreme frequencies, faithfully reproducing the true performance of the DUT.

