



Products on Display at EuMW 2026

Explore Maury Microwave products on display at EuMW 2026, including solutions for RF and microwave calibration, device characterization, power measurement, noise generation, signal generation, and more. The products featured below are designed to enable accurate, reliable, and repeatable RF and microwave measurements.

Visit maurymw.com/info/eumw-2026 to learn more about Maury Microwave solutions.

Product Overview

Adapters

Calibration-grade metrology adapters have been designed as an integral part of the renowned Maury VNA calibration kits and are also available separately where calibration-grade precision is demanded. Calibration-grade metrology adapters offer the lowest VSWR reducing the mismatch between connected components and are available in both coaxial and waveguide configurations.

ColorConnect™ color-coded precision adapters (CC-series) have been designed for lab and field use where quality, performance, ease-of-identification, and ease-of-use are critical. Following the IEEE P287 high-frequency connector/adaptor color convention, ColorConnect precision adapters offer clear indications of compatibility.

Test Essentials™ lab adapters (TE-series) have been designed for daily use in microwave/RF labs and production facilities and offer one of the industry's best price/performance values. Test Essentials feature excellent electrical performance, rugged construction for durability, repeatable mating, and high reliability.

Automated Impedance Tuners

Nano™ Series (NT-series) automated impedance tuners enable high-gamma load- or source-pull characterization across a wide spectrum. The tuners' compact size simplifies on-wafer probe station integration with a direct probe connection, effectively maximizing VSWR at the DUT reference plane and minimizing phase skew for modulated signals.

Cable Assemblies

StabilityPlus™ phase-stable cable assemblies (SP-series) set the standard for high-performance ruggedized microwave/RF cable assemblies. Designed specifically for phase-stable and amplitude-stable applications, StabilityPlus offers excellent measurement repeatability even after cable flexure.

StabilityVNA™ test port cable assemblies (SV-series) are the industry's highest performing VNA cables. StabilityVNA offers superior amplitude and phase stability with flexure,

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thereby improving measurement accuracy while reducing measurement uncertainty and increasing confidence in measurements.

StabilityWafer™ on-wafer probing cable assemblies (SW-series) have been specifically designed to empower accurate and repeatable on-wafer measurements when used with coaxial wafer probes. Its small outer diameter, light weight, superior flexibility, and availability of various connector angles allow for easy routing and minimally impact probe tips mechanically while providing reliable and repeatable RF measurements.

Calibration & Gage Kits

Connector gage kits provide an easy and accurate way to measure critical linear interface dimensions of most coaxial connectors. Identifying recessed, protruding, and non-concentric contact pins will avoid incomplete connections and unrepeatable measurements and prevent damage to mated connectors.

Universal VNA Calibration Modules (uCal) simplify and expedite VNA calibration by automating the use of calibration standards, reducing human error, and providing accurate results with minimal manual intervention.

VNA coaxial calibration kits are offered in Polynomial SOLT, Characterized Device (CD) SOLT, and TRL, depending on the connector series. Where available, CD kits improve calibration accuracy when compared to SOLT kits based on polynomial definitions as each calibration kit is provided with individually characterized short, open, and fixed load standards, whose S-parameters can be loaded into commercial VNAs directly or when used with Maury's Insight™ software platform.

Power Meters & Sensors

The PMX40 benchtop RF power meter provides design engineers and technicians the utility of a traditional benchtop instrument, the flexibility and performance of modern USB RF power sensors, and the simplicity of a multi-touch display built with Maury award-winning technology.

RTP4000 USB true-average power sensors provide 80 dB dynamic range and a frequency range down to 4 kHz and up to 40 GHz. Built with Real-Time Power Processing™, these sensors deliver 100,000 measurements per second, virtually no gaps in signal acquisition and zero measurement latency.

RTP5000 USB peak power sensors provide the highest video bandwidth and fastest rise times. With Real-Time Power Processing™, they deliver 100,000 measurements per second, no gaps in signal acquisition and zero measurement latency. This performance is combined with automatic pulse measurements, CCDF and crest factor statistical analysis, multi-channel capabilities, and documentation tools.

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Noise Generators

NC1000 series amplified noise modules produce AWGN as high as +13 dBm, and have bandwidths up to 18 GHz. The high power modules are designed to test noise immunity for Cable TV equipment, secure communication channels, and military jamming systems. The lower power modules, ≤ 0 dBm, are random jitter sources for many applications, including PCIeexpress, Infiniband, and 10 GigE.

NC346 series broadband calibrated noise sources are designed for precision noise figure measurement applications. Each module's low VSWR reduces multiple reflections and significantly increases the measurement accuracy for most noise figure test configurations.

NC5000A series calibrated mmWave waveguide noise sources feature outstanding stability, switching speed, and ripple-free response over standard waveguide bands. The high stability of the NC5000A series allows these units to be used in place of cumbersome gas tube noise sources.

The NGX1000 programmable noise generator is a high performance, broadband AWGN generator in an easy-to-use compact form factor. The streamlined user interface and flat menu structure provides a fast, simple way to add RF noise in a communications system to test reliability, robustness, and performance.

Signal Generators & Signal Sources

HSM series RF synthesizer modules are architected on a non-PLL based platform. The digital-analog hybrid design provides excellent phase noise performance and spurious response, which complement the phase coherent nature of these digital-analog hybrid signal sources.

SGX1000 series RF signal generators offer high-performance signal generation with an easy-to-use interface in a compact form factor. The SGX1000 utilizes a proprietary blend of direct digital and direct analog synthesis to provide ultra-fine frequency resolution, lightning-fast frequency switching, ultra-low phase noise and jitter, and superior reliability.

