Anritsu Company Introduces Modular Opto-electronic Network Analyzer that Brings Cost and Time Benefits to High-speed Device Verification

-   VectorStar® VNA Integrated with O/E Calibration Detector and E/O Converters Conducts Cost-effective E/O, O/E, and O/O Measurements at Three Wavelengths –

Morgan Hill, CA – September 24, 2019 – Anritsu Company introduces the ME7848A Opto-electronic Network Analyzer (ONA) system, a flexible solution integrating the VectorStar® vector network analyzer (VNA) with an O/E calibration detector and E/O converters that conducts cost-effective E/O, O/E and O/O measurements on optical devices operating at 850 nm, 1310 nm, and 1550 nm. Incorporating a modular approach, the ME7848A provides engineers with an unprecedented level of flexibility and the ability to customize the system with their own devices to meet specific test requirements, for significant time and cost benefits.

The ME7848A modular system provides engineers with the ability to design optimal opto-electronic solutions and speed time-to-market by improving first-time yields. In addition to the VectorStar VNA operating up to 40 GHz and 70 GHz, the solution consists of the MN4765B O/E calibration module detector and MN4775A E/O modulator. Because the system is modular, the E/O modulator can be added when necessary, for added cost efficiency.

The system can be adapted for different wavelengths with the addition of the appropriate O/E calibration module or E/O converter. The VNA can be reconfigured for different wavelengths through calibration with the MN4765B, eliminating the need for additional VNAs to accommodate various wavelengths.

Offering a traceable path with excellent performance specifications, the ME7848A ONA is well-suited for R&D and production of opto-electronic components used in optical network data transfer systems. The system capabilities allows engineers to quickly identify measurement parameters and component performance for a high degree of confidence in their designs.

(more)

About Anritsu

Anritsu Company is the United States subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for 120 years. Anritsu's "2020 VISION" philosophy 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 5G, M2M, IoT, as well as other emerging and legacy wireline and wireless communication markets. With offices throughout the world, Anritsu has approximately 4,000 employees in over 90 countries.

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