

# A Professional Manufacturers Representative Company

## **RF MICROWAVE SOLUTIONS**



- State-Of-The-Art Solid-State GaN Pas, 600 MHz to 67 GHz
- Broadband, High- Power & High-Frequency Amplifiers
- Coaxial & Waveguide Calibration Kits
- Precision VNA Calibration Kits & Validation
- Cable Assemblies, Adaptors, Attenuators



Maury Microwave

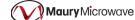
- ✤ RF/Peak Power Meters To 40GHz, Fast Rise Times
- RF/Peak USB Power Sensors
- Signal Generators Up To 18GHz
- RF Volt Meters



Maury Microwave

- Noise Components & Instruments
- Programmable Noise Generators Up To 40GHz
- Low Voltage Surface Mount Noise source
- Calibrated Sources/ATE





- Phase Noise Analyzers Up To 50GHz
- Phase Shifters And Detectors
- Multi-Channel, Phase Coherent RF Sources
- Ultra-Low Phase Noise Synthesizers & Modules



Maury Microwave

- Satellite Link Emulator & Modeling Software
- 600 MHz Of Instantaneous Bandwidth Per Channel
- Timing Synchronization Up To 16 Channels
- Payload Emulation
- Static And Dynamic Link Emulation



- Broadband Bias Tees
- Broadband Baluns
- Broadband Pick Off Tees
- Impedance Analyzer IPC-241A
- Signal Path Analyzer
- DC Blocks

ProTEQ Solutions

Main Office: 888-490-6624

Sales@ProTEQSolutions.com

ProTEQSolutions.com

#### **AVIONICS & FLIGHT LINE TEST SOLUTIONS**



- High Speed Avionics Network Test & Simulation
- MIL-STD-1553/ARINC 429/ARINC 664 Solutions
- ✤ 1G To 100G Ethernet & Fibre Channel Products
- ✤ Arbitrary Waveform Generator, PXI, LXI VXI
- ✤ High Resolution Oscilloscopes In PXI, LXI, VXI
- Portable Data Loaders





- Power Analyzers, Portable
- Real-Time Data Acquisition Systems
- ✤ All-In-One Systems
- Signal Conditioning
- Data Recording
- Components & Sensors

## TIMING / GPS / PNT



- Frequency & Timing Standards
- Distribution Amplifiers
- NTP Network Time Servers
- Auto Switches
- Rubidium Standards

### **OPTICAL TEST**



- ✤ RFoF Transport Solutions Up To 50 GHz
- Spectral Purity Performance SFDR, NF, OIP3
- Fiber Optic Delay Lines Up To 2ms, 50GHz, Fixed/Variable Minimum Phase Shift Over Temperature Performance
- Optical Switching, EDFA's, SNMP M&C, Rack IDU, And ODU Options

# RENTAL / USED EQUIPMENT / CALIBRATION SERVICES / LEASING





- All Major Brands Current Products
- Same-Day Shipping, Extended Warranties
- Satisfaction Guaranteed
- Flexible Rental Terms And Financing
- ANSI/NCSL Z540-1 Compliant Calibration Lab



TECHNOLOGIES





DE&SCHWARZ



# A Professional Manufacturers Representative Company

#### **ENVIRONMENTAL & VIBRATION**



- Temperature/Humidity Chambers
- Altitude Chambers
- Thermal Shock Chambers
- ✤ HALT/HASS/AGREE
- Reach In Chambers, Custom/Modified
- ✤ Walk-In/Drive-In Chambers
- Battery Test Chambers
- PharmaEvent Stability Chambers



- Salt Spray Chambers
- Cyclic Corrosion Chambers
- Floor SO2 Gas Dosing Test Chambers
- Tabletop SO2 Gas Dosing Test Chambers

# Instrumented Sensor Technology

- Self-contained Shock & Vibration Event Recorders
- Impact Detectors For High-Value Transportation Monitoring
- Acceleration/ Temperature & RH Data Recording
- HIRTS-1 High-G Helmet Impact Recorders
- Environmental Data Analysis Software

#### **ETHERNET & PROTOCOL TEST SOLUTIONS**



- PCI Express up to 6.0 & CXL 3.x
- High-Speed Ethernet: 10/40G; 25/50/100G; 100/200/400/800G
- Storage Tech; SATA, SAS, NVMe-oF & FibreChannel
- USB 2.0, 3.x, 4.x, Thunderbolt
- quantumdata HDMI/Display/Port/Video



- Automated Ethernet PHY & PoE Testing
- Physical Layer 10/100/1000Base-T Ethernet Analysis
- Scalable Power over Ethernet PD & PSE Test Platforms
- IEEE 802.3at, 802.3bt PoE Conformance Testing
- PoE LLDP Emulation & Analysis
- PSE System Performance, Power Management Analysis

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#### ATE SOLUTIONS

# **In-Phase**

Technologies, Inc.

- Test System Design & Build To Print Services
- RF & Microwave, Digital & Analog
- Power Control/Distribution
- Pre-Configured Core Test Systems
- RF Signal Converters, Matrix Switching Systems
- Cable Test Instruments
- ATE Development, Service Provider
- ITA Design/BTP



- Wire, Cable And Harness Testers
- Rack And Portable AUTOMEG Testers
- Functional Cable Test systems
- RTS Real Time Scanning
- Bond, Loop & Joint Resistance Testing



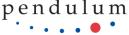
- ✤ 19" ATE Enclosures Fully Assembled
- EMI/RFI, Seismic, Data Center Enclosures
- Turn-Key Assembled With Accessories
- Customer Designs, STP Files, Build To Print
- Specialty Enclosures, Pre-Configured

#### **BOUNDARY SCAN / JTAG TEST SOLUTIONS**



- Boundary Scan Software & Hardware
- Turnkey JTAG Test Solutions
- ICT Test Fixture Design Services
- Advanced Connection Testing
- XJTAG Products Use IEEE.1149.X

#### **EMI / EMC TEST SOLUTIONS**





- High Resolution EMC Scanners
- X/Y/Z Axis Near Field Probe Automation
- Microwave Frequency Counters/Analyzers
- High Voltage Linear Amplifiers
- High Voltage/High Current Linear Amps

# RAYMONDEMC

- Modular Shielded Enclosures
- ✤ Adaptable Anechoic Chambers
- Turntables, Doors, Vents, Panels, Feeds
- Design, Fabrication & Installation
- Screen Rooms
- Service All Makes Of EMI/EMC Chambers