RXT-3400

Advanced Multi-Service Test Module

The RXT-3400 add-on module for the versatile RXT® test platform offers state-of-the-art support for Access, Metro, Core, Transport, Carrier Ethernet, Backhaul, Fronthaul and SAN technologies up to 16GFC. VeEX RXT® is the industry's most flexible, compact, complete and future-proof hand-held test solution, from 64k to 400GE, including Fiber Optics and WDM.

MODULE HIGHLIGHTS

General

- Flexible, all-in-one multi-service test solution, from 64 kbps to 14 Gbps (can be combined with 400G, 100G/40G, OTDR, and OSA modules)
- Offers two fully independent test port groups

Ethernet

- RFC2544 Throughput, latency, frame loss and back to back tests
- V-SAM test suite compliant with ITU-T Y.1564 standard
- IEEE 802.3ah, ITU-T Y.1731, IEEE 802.1ag, MPLS-TP OAM support
- Q in Q (VLAN stacking), MPLS, MPLS-TP, PBB support
- RFC6349 V-PERF TCP/UDP test suite
- Layer 2 Control Protocol Transparency test
- In-service monitoring with packet capture and on-screen protocol decode
- One way latency with optional built-in GNSS receiver
- Fully integrated solution for synchronized packet networks
- Supports IEEE 1588v2/PTP and SyncE/ITU-T G.8261 standards
- Master Clock and Slave clock emulation
- IEEE 1588v2/PTP protocol monitor & decode, and PDV analysis
- Wander measurement and MTIE/TDEV analysis
- ESMC SSM generation, monitoring, and decoding
- VoIP and IPTV testing

CPRI Testing

- Common Public Radio Interface standard (CPRI) Layer 2 tests (REC/BBU and RE/RRH emulation)
- BER testing with PRBS stress patterns
- Latency measurements

OTN/SDH/SONET/PDH/DSn

- Advanced flexible OTN, SDH/SONET, PDH/DSn test payload map/mux, including EoOTN (ODU2e, ODU0 and ODUflex)
- Overhead Monitoring and Byte decoding
- Protection Switching and Service Disruption Time (SDT)
- Round Trip Delay on all interfaces and payload mappings
- Tandem Connection Monitoring
- Jitter and Wander (E1, E3, DS1, DS3, STM-1o, OC-3)
- Pulse Mask Analysis at E1, E3 and DS1, DS3 rates

Fibre Channel

- Storage Area Networks (SAN) testing up to 16GFC
- BERT, Throughput, and RFC2544 test
- RFC2544: Throughput, latency, frame loss, back to back tests
- In-service monitor, capture and protocol decode
- Layer 1 and layer 2 loopbacks