Multi-Service Test Sets

Feature Comparison | Apr 2015

TEST FEATURES	RXT-1200 / RXT-3000	TX300s Platform		TX100+ series		
		300s	320s	TX150+	TX130M+	TX130+
OTN						
OTU2e and OTU1e (11G)	○ Single	○ Single/Dual	○ Dual			
OTU2 (10.7G)	○ Single	○ Single/Dual	○ Dual			
OTU1 (2.7G)	○ Single	○ Single/Dual	○ Dual			
ODU0 and ODUflex	○	○	○			
Service Disruption and APS	●	●	●			
Overhead Analysis and Generation	●	●	●			
SDH/SONET						
STM-64/OC192 (10G)	○ Single	○ Single/Dual	○ Dual			
STM-16/4/1/0 - OC-48/12/3/1	○ Single	○ Single/Dual	○ Dual	○ Single		
Tributary Scan	●	●	●	●		
Service Disruption and APS	○	○	○	○		
Overhead Analysis and Generation	●	●	●	●		
Pointer Test Sequences	○	○	○	○		
Tandem Connection Monitoring	○	○	○	○		
STM-1/OC-3 Jitter Tests	○	○	○	○		
PDH/DSn						
E1/DS1 (1.5M, 2M)	○ Single	○ Single/Dual	○ Single	○ Dual	○ Dual	○ Dual
E3 (34M)	○ Single	○ Single/Dual	○ Single	○ Single	○ Single	○ Single
DS3 (45M)	○ Single	○ Single/Dual	○ Single	○ Dual	○ Dual	○ Dual
E4 (140M)	○ Single	○ Single/Dual	○ Single	○ Single		
E1/DS1, E3/DS3 Jitter Tests	○	○	○	○	○	○
E1/DS1, E3/DS3 Pulse Mask Analysis	○	○	○	○	○	○
E1 APS Service Disruption	●	●	●	○	○	○
E1 WAN Ping Test						○
DS1 Multi-BERT (USA)	●	●	●	●		
ISDN PRI		○	○	○	○	○
VF Measurement and Generation		○	○	○	○	○
G.703 64k Codirectional (International)						○
Datacom (International)						○
Ethernet/IP						
10G LAN/WAN	○ Single	○ Single/Dual	○ Dual			
1000BaseX	○ Single	○ Single/Dual	○ Dual		○ Single	
10/100/1000BaseT	○ Single	○ Single/Dual	○ Dual		○ Single	○ Single
100BaseFX	○ Single	○ Single/Dual	○ Dual		○ Single	
SyncE Master & Slave	○ Single	○ Single/Dual	○ Single		○	
IEEE 1588v2 Master & Slave	○ Single	○ Single	○ Single		○	
Dual Port testing		○	○			
Dual Port Pass Through monitoring			Bidirectional			
BERT/RFC2544/Throughput Test	●	●	●		●	●
Y.1564 V-SAM	●	●	●		●	
RFC2544 Asymmetric/Peer-to-Peer mode	○	○	○		○	○
RFC2544 Advanced SLA mode	●	●	●			
Throughput test Multi-streams	●	●	●		○	
Throughput test VLAN and MAC flooding	○	○	○		○	○
PBB (MAC in MAC)	○	○	○			
MPLS	●	●	●		○	○
MPLS-TP	○	○	○			

● Included (may require other options) ○ Optional ***Note**: Unless otherwise noted, all items apply to the "e" (International) and "non-e" (USA) version of the products.*

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	RXT-3000	300s	320s	TX150+	TX130M+	TX130+
Ethernet/IP *cont'd*						
VLAN Scan	●	●	●		●	
Ethernet OAM 802.3ah	○	○			○	
Ethernet OAM 802.1ag/Y.1731	○	○			○	
ITU-T G.8113.1 OAM	○	○				
Loopback	●	●	●		●	●
IPv6 Traffic generation	●	●	●	●	●	●
Advanced IP testing	○	○	○	○	○	○
V-Route/ViPAG wrap test	●	●	●			
VeTest (Line rate HTTP Throughput test)	○	○	○			
V-PERF (RFC6349 TCP Throughput test)	○	○	○			
V-FTP (Line rate FTP Throughput test)	○	○	○			
One-Way Latency Measurement	○	○	○			
VoIP Call Expert	○	○	○	○	○	○
IPTV		○		○	○	○
Packet Capture/Decode	●	●	●		●	
Net Wizard	○	○	○		○	○
WiFi Wizard	○	○	○		○	○
WiFi Spectrum Analyzer	○	○	○			
Fibre Channel						
10G Fibre Channel	○ Single	○ Single/Dual	○ Dual			
8G Fibre Channel	○ Single	○ Single/Dual	○ Dual			
1G/2G/4G Fibre Channel	○ Single	○ Single/Dual	○ Dual			
CPRI/OBSAI Optical Test						
Unframed CPRI/OBSAI up to 9.8G	○ Single	○ Single/Dual	○ Single			
Layer 1 Framed/Layer 2 up to 6.1G	○ Single	○ Single/Dual	○ Single			
Layer 1 Framed/Layer 2 up to 9.8G			○ Single			
Layer 2 Pass Through Monitoring			○			
Network Synchronization Tests						
Multi-rate Reference Clock Wander Analysis	○	○	○		○	
IEEE 1588v2 Wander Measurement	○	○	○		○	
SyncE Wander Measurement	○	○	○		○	
STM-1/OC-3 Wander Measurement	○	○	○	○		
E3/DS3 Wander Measurement	○	○	○	○		
E1/DS1 Wander Measurement	○	○	○	○	○	○
Save TIE to USB (long-term tests)	○	○	○	○	○	○
Built-in MTIE/TDEV Analysis	●	●	●			
MTIE/TDEV Post Analysis PC software	●	●	●	●	●	●
1 PPS reference clock	●	●	●		●	
64 kbps reference clock				●		
1.5 MHz, 2 MHz, 1.5 Mbps, 2 Mbps reference clock	●	●	●	●	●	●
10 MHz reference clock	●	●	●		●	
Built-in Atomic Clock Reference	○	○	○			
Built-in GPS Clock Reference	○	○	○			
External GPS ToD Support (RS232)		●	●			

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	RXT-3000	300s	320s	TX150+	TX130M+	TX130+
Fiber Optics Features						
OTDR HW Option	RXT-4500	TX300s-OTDR	TX300s-OTDR			
OTDR PON HW Option	RXT-4500	TX300s-OTDR	TX300s-OTDR			
Optical Link Mapper (V-Scout)	○	○	○			
Faceless OTDR (USB)	OPX-BOX	OPX-BOX	OPX-BOX			
Faceless OTDR (Bluetooth)	OPX-BOX	OPX-BOX	OPX-BOX			
Optical Power Meter (Built-in)	RXT-4500	TX300s-OTDR	TX300s-OTDR			
Optical Power Meter (USB)	UPM-100	UPM-100	UPM-100			
Optical Loss Test (OLTS)	RXT-4500	TX300s-OTDR	TX300s-OTDR			
Visual Fault Locator	RXT-4500	OPX-BOX	OPX-BOX			
Fiber Inspection Scopes (USB)	○	○	○			
Fiber Scope Pass/Fail Analysis (Built-in)	○	○	○			
Other Features						
Concurrent Tests	1	up to 2	up to 2		PDH+Ethernet	
MTT Forward Compatibility Mode	RXT-2000A					
Signature Pad	○	○	○			
Web-based Remote Access and Control	●	●	●			
Remote Control (ReVeal)	○	○	○	○	○	○
VNC Remote Control	○	○	○			
Data Card and Bluetooth Dongles	○	○	○	○	○	○
R300-Server Client (Results Upload)		○	○			
VeExpress (Software & Licenses)	○	○	○			
Web Browser	○	○	○	○	○	○
USB 2.0 ports (# of ports)	2	2	2	1	1	1

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