VIAVI

LASER
COMPONENTS

Test and Maintenance Solutions
for Enterprise and Data Center Operators

Copper Testing

Certifier10G   Certifier40G

Fiber Certification

OLTS-85P   Certifier40G   T-BERD/MTS-2000   T-BERD/MTS-6000A

T-BERD/MTS 4000 with MPO Switch

StrataSync™
E N A B L E D

MPOLx

Essential Fiber Tools

PowerChek
OPM   P5000i   FiberChek

FiberChek Sidewinder

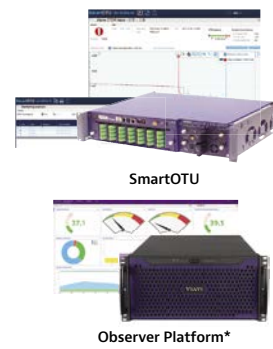## Data Center Interconnect
(Layers 1–4)

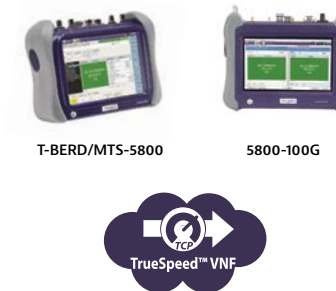T-BERD/MTS-6000A   T-BERD/MTS-8000

T-BERD/MTS-4000   T-BERD/MTS-5800 100G

Network and Application Monitoring

SmartOTU

Observer Platform*

Network Testing (Layers 2 to 4)

T-BERD/MTS-5800   5800-100G

TCP
TrueSpeed™ VNF

*Note: Observer Platform is not StrataSync-enabled

Line Card

LASER COMPONENTS®

Test and Maintenance Solutions for Enterprise and Data Center Operators

Copper Testing

Feature	Certifier10G	Certifier40G
Up to Category 6A/Class EA channel and link certification	■	■
Up to Category 7A/Class FA channel and link certification		■
Up to Category 8 channel and link certification		■
Patch cord certification	■	■
Coax certification	■	■
Test result management and reporting	■	■

Fiber Certification

Feature	OLTS-85P	MPOLx	Certifier 40G	T-BERD/MTS-2000	T-BERD/MTS-4000	T-BERD/MTS-5800	T-BERD/MTS-5800-100G	T-BERD/MTS-6000A
Fiber end-face inspection (with P5000i)	■	■	■	■	■	■	■	■
Dedicated fiber patch cord microscope	■	■						
Tier 1 fiber certification	■	■	■					
Encircled flux compliant sources	■	■	■					■
Copper certification			■					
Fiber MPO loss/polarity		■	■					
Tier 2 fiber certification (OTDR)				■	■	■	■	■
Test result management and reporting	■		■	■	■	■	■	■
Fiber MPO Characterization & Troubleshooting (OTDR)					■	■	■	■
External MPO Switch					■	■		
Internal/Integrated MPO switch						■		
Automated bi-directional IL, ORL & OTDR					■	■		

Essential Fiber Tools

Feature	P5000i	FiberChek	FiberChek Sidewinder
Dual magnification inspection of fiber end faces	■	■	■
Automatic focus		■	■
Pass/fail analysis to industry standards or custom requirements	■	■	■
Compatible with mobile devices	■	■	■
Fully Automated		■	■
On-board storage		■	■
Integrated touch-screen display		■	■
Test result reporting	■	■	■
Wireless operation		■	
MPO pass/fail analysis	1 test = 1 fiber	1 test = 1 fiber	1 test = All fibers

Feature	PowerChek
Broadband optical power measurement	■
Absolute and reference-level measurement	■
On-board results storage	■
Optical source	
Integrated display	■
In-bulkhead, non-contact test	■
Test result reporting	■

Data Center Interconnect (Layers 1 to 4)

Feature	T-BERD/MTS-4000	T-BERD/MTS-5800 100G	T-BERD/MTS-6000A	T-BERD/MTS-8000
OTDR	■	■	■	■
Optical Spectrum Analysis (OSA)	■	■	■	■
In-band Optical Signal to Noise Ratio (OSNR)	■		■	■
In-band & In-Service OSNR				■
CWDM/DWDM	■	■	■	■
Fiber Characterization (CD, PMD, AP)			■	■
100G bandwidth testing		■		
Dual port		■		

Network and Application Monitoring

Feature	Observer Platform	SmartOTU
Global dashboards and reporting	■	
Workflows to root cause	■	
Transaction to device health correlation	■	
Layers 2 to 7 visibility	■	
Packet analysis	■	
Back-in-time troubleshooting	■	
Hybrid IT infrastructure intelligence	■	
Infrastructure and application dependency mapping	■	
Web-enabled software interface		■
Highest fiber fault accuracy with Industry's leading OTDR series		■
Highly integrated 2RU unit with no local PC required		■
Modular OTDR and switch design for multiple applications		■
Email, SMS and SNMP alert messages		■
Fiber degradation notification		■
Fiber tapping detection (data security)		■
SLA management		■
Accurate fault location		■

Network Testing

Feature	TBERD/MTS 5800	TBERD/MTS 5800-100G
RFC 2544, Y.1564, RFC 6349	■	■
Ethernet line rate capture/decode	■	■
AOC/DAC testing	■	■
Optical Transceiver Test		
OTN	■	■
CWDM/DWDM	■	■
DP-16QAM		■
Encrypted network testing		■
1G bandwidth testing	■	■
10G bandwidth testing	■	■
25G bandwidth testing		■
100G bandwidth testing		■
100G bandwidth testing	■	■