



T-BERD[®]/MTS-8000 40/100 G Transport Module



The Industry's Most Versatile 100 G Test Solution

The Viavi Solutions™ T-BERD/MTS-8000 40/100 G Transport Module is the most versatile test solution on the market and is ideal for field test applications. Its ruggedness, battery power, and control connectivity support full mobility and can withstand the most diverse test conditions. With capabilities designed for carrier Ethernet/packet transport, long-haul, and metro-core networks, as well as government telecommunication centers, the module represents continued innovation for the family of award-winning, industry-leading T-BERD/MTS test solutions. The combination of J-QuickCheck, Y.1564 SAMComplete, J-Proof Layer 2 transparency, and RFC 2544 gives providers the most complete service activation solution available today.

Highlights

- Save time with the only field-optimized optics self-test that ensures CFP and QSFP+ optics modules run error-free
- Maximize efficiency with a single T1/E1 to 100 G instrument that saves time concurrently running multiple-port 10 G and 100 G tests
- Save time with the quickest RFC 2544 and Y.1564 SAMComplete test suites in the industry coupled with the J-QuickCheck tool
- Confidently guarantee that 100 G deployments will meet stringent SLA-compliance requirements for financial and wireless customers with 100 ns high-accuracy latency measurements
- Cover OTN service activation and troubleshooting needs with numerous client mappings and ODU multiplexing alternatives in addition to integrated Viavi transparency and latency tests



Viavi is the recipient of the 2012 Frost & Sullivan Growth Leadership Award for Ethernet Test Equipment

Ordering Information

Description	Part Number
T-BERD 8000 (supports Transport Module) — North America	ETB8000EHP
MTS-8000 (supports Transport Module) — outside North America	EM8000EHP
220 W power supply (US)	E80HPW220US
220 W power supply (EU)	E80HPW220EU
220 W power supply (UK)	E80HPW220UK
40/100 G Transport Module — one-level applications	CH040103
40/100 G Transport Module — one- and two-level applications	CH043112
40 GE test option	CH40GE
100 GE test option	CH100GE
40 G SONET/SDH test option	CH40GSONSDH
OTN - OTU3 bulk 43 G test option	CHOTU3
OTN - OTU4 bulk 112 G test option	CHOTU4
Multiple streams/COS test option	CHCOS
J-Proof Layer 2 transparency test option	CHJPROOF
IPv6 test option	CHIPV6
MPLS test option	CHMPLS
Command line remote control	CHREMCTRL
40 GE transcoded in OTU3 test application	CH40GEINOTU3
100 GE in OTU4 test application	CH100GEINOTU4
40 G SONET/SDH mapped in OTU3 test application	CH40GSONSDHINOTU3
ODU0 multiplexing test application	CHODU0
ODU1 multiplexing test application	CHODU1
ODU2 and ODU2e multiplexing test application	CHODU2
CFP 100 GE and OTU4, 1310 nm, 4 λ, LC	CCFP-112G-3-4
CFP 100 GE and OTU4, 1550 nm, 10 λ, LC	CCFP-112G-5-10
CFP 100 GE and OTU4 and 40 GE and OTU3, 850 nm, 10 fibers, MPO connector	CCFP-112G-8-10
Serial CFP OC-768/STM-256, OTU3, 40 GE 1550 nm, LC	CCFP-43G-5-1
QSFP+ 40 GE (LR4), OTU3 and OC-768/STM-256, 1310 nm, 4 λ, LC	CQSFP-43G-3-4
QSFP+ 40 GE (SR4), 850 nm, 12 fiber MPO connector	CQSFP-40G-8-4

Highlights Cont'd

- Increase network confidence with a 40/100 G CBS test that verifies traffic management and policing configurations on core network elements, especially critical for connections across 100 GE
- Bullet proof your network with the unique Viavi Layer 2 transparency test suite (J-Proof) for service activation and troubleshooting
- Maximize efficiency with integrated CFP and QSFP+ optics — only unit with no optics swapping for 100 GE and 40 GE standard LR4 IEEE testing
- Test real networks using IPv4/IPv6 with ARP/ping/traceroute capabilities
- Experience the industry's most scalable solution; capable of T1/E1 through 100 G and OTDR, OSA/OSNR, fiber characterization (CD/PMD), and fiber inspection in one test unit



Contact Us **+1 844 GO VIAVI**
(+1 844 468 4284)

To reach the Viavi office nearest you,
visit viavisolutions.com/contacts.

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