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



The industry's most compact 100 G test solution

The JDSU T-BERD/MTS-8000 40/100 G Transport Module is the most compact 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. These elements combine to provide the right test tool for achieving quicker execution and easier mobility, especially during service activation and troubleshooting.

FROST & SULLIVAN

2012 BEST PRACTICES AWARD

GLOBAL ETHERNET TEST EQUIPMENT GROWTH LEADERSHIP AWARD

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

Highlights

- The smallest, most compact 100 G solution on the market
- The industry's only solution to support 100 G Y.1564 (SAMComplete™) (10 streams)
- The industry's highest/best latency accuracy; resolution of 100 ns with ATPv3. Can be used in RFC 2544 and Y.1564.
- Unique Layer 2 transparency test suite (J-Proof) for service activation and troubleshooting
- Full support of OTU4 and OTU3
- Integrated CFP and QSFP+ optics — only unit with no optics swapping for 100 GE and 40 GE standard LR4 IEEE testing
- IPv4/IPv6 with ARP/ping/traceroute capabilities
- 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
- First-to-market with 100 GE, OTU4, 40 GE, OTU3, 40 G SONET/SDH integration in one module

JDSU

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Ordering information

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

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