



TB6000A-MSAM-NV-P1 Telecommunications Test Set

Approved BER Tester for the
US Navy and Marine Corps

**NAVSUP
Approved**

The Viavi T-BERD® 6000a v2 Multiple Services Application Module (MSAM) test platform provides a fully compliant bit error rate (BER) tester for testing serial datacom, DS1, DS3, and Optical 155 Mbps circuits. This next-generation platform combines serial datacom testing up to 18 Mbps, conditioned diphase, DS1, DS3, and OC-3 testing with advanced platform features such as remote control, an easy-to-use touch screen graphical user interface (GUI), and saved setups and results. Building on the success of the Viavi FIREBERD® and Testpad 2000 platforms, users can now easily migrate their test needs from datacom to OC-48/192 to Ethernet/IP and enjoy the size of a portable tester all-in-one instrument user interface.

NAVY Contract N00104-10-D-D005

- SCAT Code: 4590
- Date of Award: November 2015
- Contract Expiration Date: November 2020
- Awarding/Managing Agency: DLA Maritime at Mechanicsburg, PA; approved by NAVSUP
- Type Contract: 5-year requirements contract with direct vendor delivery (DVD)
- Provisioning: Yes, fully provisioned with assembly-level service manual

Available Packages

TB6000A-MSAM-NV-P1: Telecommunications Tester (NSN: 7Z-6625-01-597-0700)

The package contains all hardware and software options to fully test EIA530, EIA530A, RS449 (422 and 423), RS232, X.21, V.35, and V.36 serial interfaces, as well as, Conditioned Diphase, DS1, ISDN PRI, DS3, and OC-3 fiber circuits. It also includes all accessories, test cables, carrying case, and technical user guides.

Serial Datacom and Conditioned Diphas (CDI) Testing

Carrying on the tradition established with the FIREBERD 6000 and 8000 platforms, the Datacom module for the T-BERD 6000A MSAM adds test functionality for verifying end-to-end circuit continuity and throughput, stressing and verifying clock recovery circuits, and verifying quality of service (QoS) over datacom circuits, including RS232/V.24, EIA530, EIA530A, V.35/306, RS449/V.36, X.21, MIL-188C, and MIL-188-114. The new CDI module adds support for testing diphas multiplexers and communication links.

Remote Operation, Results Storage, and File Transfer Protocol

Users can connect removable storage media to the T-BERD 6000A, facilitating the storage of test results for external reporting and analysis. Results can also be configured to print to file at the end of a test, at set periods during the test, or at any occurrence of an error. Users can also transfer results files from the unit via File Transfer Protocol (FTP). Customized electronic printouts are also available showing only the specified results, allowing for quick detection of hard-to-find BER problems and easy interpretation of test results. Users can also remotely control the T-BERD 6000A over an Ethernet connection using a Web browser.

Purchasing Made Easy

These products conform to the Competition in Contracting Act (CICA) and are equivalent to GSA products. Per FAR 8.002, these products have a higher priority than other established contracts or commercial suppliers.

Contact agency representatives listed here for pricing information or to place orders.

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NOTES

1. Products shipped will include a CD-ROM with Adobe Acrobat Reader and an electronic version of the Technical User/Operations Manual
2. Obtain hard copies and electronic copies of the Technical User/Operations Manual and the Service/CLIP Guides at Service Centers

For questions regarding the Viavi TB6000a v2 MSAM-NV-P1, Telecommunications Tester or other Viavi Communications Test and Measurement products, please contact John Casey by phone at 240-252-0172, or by e-mail at John.Casey@viavisolutions.com.



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