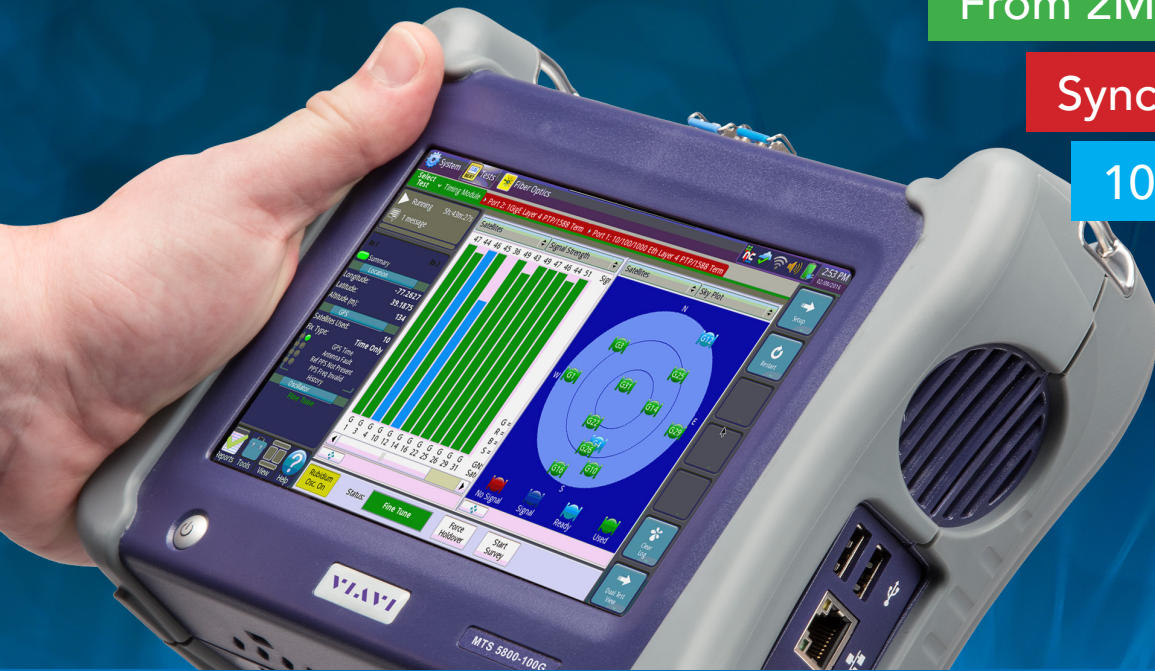


MTS 5800-100G

From 2Mbps to 112 Gbps

Synchronous Ethernet

100 Gbps testing



100-Gbps DUAL Port Testing

training &
demonstration

The MTS 5800-100G is the one tool that network technicians and engineers need to install and maintain their networks.

- » From 2 Mbps to OTU4, 112 Gbps
- » Parallel testing of 10/100/100BaseT up to 100 GE including RS-FEC for SR4
- » Testing features for OTDR, optical level, and fibre inspection

This industry's smallest handheld dual-port 100G test instrument can test throughout the whole life cycle including fibre characterization, service activation, troubleshooting, and maintenance.

Equipped with the latest technology and state-of-the-art interfaces including SFP/SFP+/SFP28 and QSFP+/QSFP28/CFP4, the MTS-5800-100G provides the investment protection to manage all future tasks.

With advanced test features such as TrueSpeed acc. to RFC 5349, J-Profiler™, Wirespeed capturing and decoding, automatic J-Mentor analysis, and OTN Check, service technicians can now test the networks faster and more accurately than ever before.

Key Benefits

- Simplifies multi-technology testing with an all-in-one dual-port 100G handheld unit.
- Optimized for field use with a multitouch screen, scripted workflows, and clear pass/fail results.
- Supports efficient best practices with repeatable methods and procedures.
- Speeds up fiber characterization, Ethernet service activation, and troubleshooting tests.

Key Features

- Supports completely DSx/PDH (1.5M/2M) up to 112 G OTU4, 10M to 100G Ethernet, SONET, SDH, Fibre Channel and OTN.
- Advanced automatic RFC 2544 tests and SAMComplete acc. to ITU-T Y.1564.
- Integrated burst tests acc. to MEF 34, and TrueSpeed™ TCP throughput test acc. to RFC 6349.
- Supports QSFP+/QSFP28 and CFP4 modules.
- Versions with one and two ports available.
- Supports Viavi's 4100-series OTDR modules with Smart Link Mapper™, Fiber Scopes, and optical power meters.

Applications

- Mobile and backhaul characterization, validation, and troubleshooting (5G ready).
- Converged Ethernet/IP network testing and troubleshooting at 10 Mbps to 100 Gbps interfaces.
- Installation and maintenance of OTN legacy SONET/SDH and TDM/PDH networks.
- RRH testing of radio base stations.