



ONT-800 Optical Network Testing Platform



Engineers can be confident in high-speed transceiver and system performance using the ONT-800 platform with application modules. The ONT-800 puts maximum control in the hands of the user with a highly-configurable, multi-protocol, multi-port test platform for R&D and system verification of optical transport ICs, pluggable optics (client/IMDD and coherent) and systems.

This platform delivers in-depth assessment of physical and transport layer performance and features, exceptional bandwidth, power and cooling along with advanced stress testing options. It covers bit rates from 1G to 800G with services including Ethernet, OTN, Fibre Channel and more. All application modules share the same GUI, automation, and scripting to accelerate product development cycles.

OIF Demo Participation



ONT 800G Flex XPM module will interconnect to a 112 Gbps/lane -based switch and report Bit Error Ratio, traffic performance, Rx FEC statistics and more. Designed for multi form factor 800G transponder testing, the versatile design of this module allows for OSFP 800G and QSFP-DD800 testing and validation for maximum user flexibility which helps accelerate product development cycles.

ONT 800G Flex DCO module will host both QSFP-DD and CFP2 400G in ZR+ mode, showing end to end ZR+ traffic via a DWDM span to an open ROADM specification. This module provides an array of critical test and measurement capabilities along with native support for both 400G class CFP2 (DCO) and QSFP-DD 400ZR pluggable form factors.



VIAVI will demonstrate CMIS features using the **ONT 800G FLEX V2** module with a QSFP-DD ZR module. With advanced test applications and comprehensive optical transport technology coverage—including 400GE PAM-4, PHY, PCS and Ethernet layers, and up to 400G Flexible Services per port—this module provides the critical test and measurement capabilities you need.

Contact Us

Please visit us at ECOC 23 in Booth #505, at viavisolutions.com, or [contact your local VIAVI representative](#), for more information on how the [ONT-800 Optical Network Testers Platform](#) can simplify complex, high bit rate testing and help you get your products to market quickly, accurately and reliably.

