

VIAVI

800G FLEX Module

400G QSFP-DD Test Module for ONT-800

Accelerate development for PAM-4 based products and flexible services up to 800G

The VIAVI 800G FLEX Module provides a wide range of critical test and measurement capabilities that manufacturers need to design and launch networking products. With its advanced test applications and comprehensive optical transport technology coverage, including 400GE PAM-4, PHY, PCS and Ethernet layers, and up to 800G Flexible Services, the 800G FLEX Module gives module vendors, NEMS, manufacturers and service providers an advantage when enabling emerging technologies.

The 800G FLEX Module included test interfaces:

- 2 x QSFP-DD
- 6 x QSFP56
- 8 x QSFP28

Features

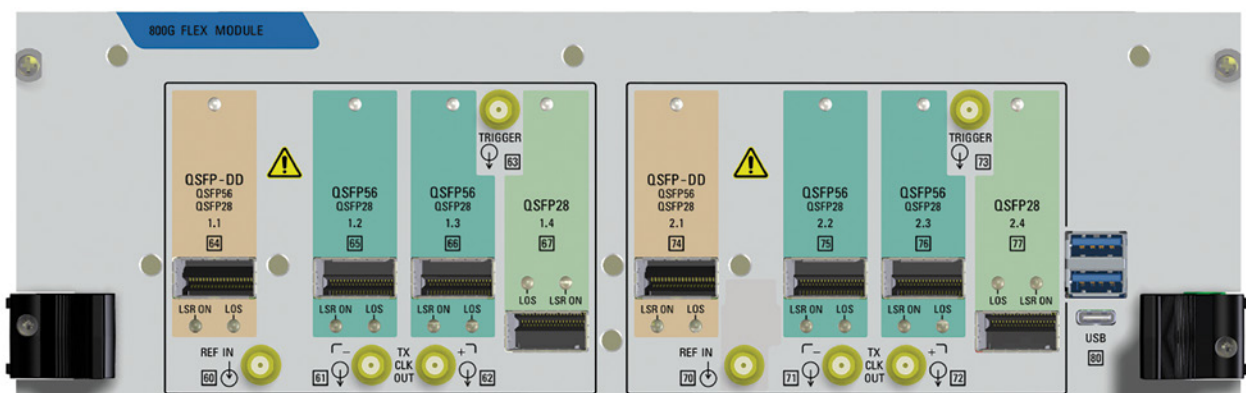
- Ethernet 400GE and 200GE IEEE802.3bs
- 4 x 100GE Ethernet breakout IEEE 802.3cd via QSFP-DD
- FEC Stress Testing for PAM-4 coded signals
- Multi-user support and independent ports
- Test Automation

Benefits

- Ensures eco-system interoperability
- Enables reliable performance
- Accelerates production validation

Target Applications

- System development
- Ethernet traffic load
- Transponder hardware validation
- FEC compliance validation
- IC development and validation test
- System Verification Testing (SVT)
- Manufacturing test



Ordering Information

Modules

402-001.01	800G FLEX Module (multi-services version and physical layer testing)
402-001.02	800G Ethernet Module (cost-optimized for manufacturing testing and Ethernet traffic generation)

SW Options

402-110.61	400GE - 802.3bs - 400GAUI8 - QSFPDD - Port 1
402-110.62	400GE - 802.3bs - 400GAUI8 - QSFPDD - Port 2
402-115.61	200GE - QSFP56 - Port 1
402-115.62	200GE - QSFP56 - Port 2
402-180.61	4x100GE - 802.3cd - PAM4 - QSFPDD - Port 1
402-180.62	4x100GE - 802.3cd - PAM4 - QSFPDD - Port 2
402-818.60	400G Ethernet FEC Validation - Module Option*
402-819.60	200G Ethernet FEC Validation - Module Option*
402-820.60	100G Ethernet FEC Validation - Module Option*
402-805.60	Hardware Validation - Module Option

* Options not available on Ethernet Module, 402-001.02

Mainframes

3078/04	ONT-804D Mainframe	With display
3078/05	ONT-804 Mainframe	No display, with rack mount kit
3078/07	ONT-812 Mainframe	12 slot rack mount version
3078/92.01	ONT-800 High Accuracy GNSS Rb Clock	High accuracy clock hardware option, only be fitted in the factory

ONT-804 Mainframe with Display



ONT-812 Rack Mount Version



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

To reach the VIAVI office nearest you, visit viavisolutions.com/contact.

© 2019 VIAVI Solutions Inc.
Product specifications and descriptions in this document are subject to change without notice.
800G-flex-br-opt-nse-ae
30187631.900.0219