



**MultiLane
Booth #5809**

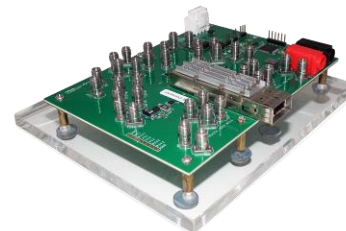
QSFP-DD800 ML4062-ALB2-112

The MultiLane range of Active loopbacks provide instrument-grade measurements directly in port. Specifically designed to emulate complex 400G and 800G pluggables, the ML4062-ALB2-112 is a straightforward in-port solution for PRBS generation/detection, production testing for high loss 400G/800G channels, field deployment port failure analysis, and power emulation.



QSFP-DD800 ML4062-MCB-112

A QSFP-DD Module Compliance Board, the ML4062-MCB-112 is ideal for transceiver, AOC, and DAC testing at 8x112G. CMIS capable, the MCBs capabilities can be enhanced with the addition of the ML4066 adapter and analyzer combination.



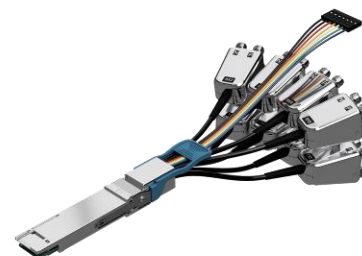
QSFP-DD800 CMIS Analyzer – ML4066-QDD and ML4066-ANA

The ML4066-QDD and ML4066-ANA-QDD are an adapter/analyzer combination that enable live diagnosis for transceivers and host ports. The general purpose ML4066 adapter, allows users to access and test all QSFP-DD controls, alarms, I2C signals, and power nets. The adapter's capabilities can be further enhanced by the ML4066-ANA-QDD analyzer, which mates onto the adapter board and provides access to a full CMIS GUI allowing for I2C packet capture and analysis, state machine testing, vcc and current measurements, initiator, bypass and target modes to deliver a deeper understanding of host and pluggable performance.



QSFP-DD800 ML4062-CHCB-112

The ML4062-CHCB-112 is a fully-featured QSFP-DD 800G cabled Host Compliance Board (CHCB). Designed for IEEE802.3ck specification compliance, the CHCB provides a compact profile that allows for greater port testing density at 800G.



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OSFP800 ML4064-MCB-112-24

An OSFP Module Compliance Board, the ML4064-MCB-112 is ideal for transceiver, AOC, and DAC testing at 8x112G. CMIS capable, the MCBs capabilities can be enhanced with the addition of the ML4066 adapter and analyzer combination. The ML4064-MCB-112-24's CMIS GUI provides a comprehensive approach to DUT interoperability, allowing users to access full CMIS implementation in modules.



400G BERT ML4039E/EN

The ML4039E/EN is a fully featured 400G BERT that can be configured as a four-channel PAM4 58 GBaud or four-channel NRZ 28/58 Gbps lanes. The transmitters support all standard test patterns mandated by the OIF such as PRBS13Q, SSPRQ, PRBS31Q, etc. It is also possible to program the TX to output a user-defined pattern up to 32 kb long. The ML4039EN is specifically designed to add crosstalk with configurable frequency up to 30 GBd and amplitude up to 800 mV to the PPG's output.



Nexus Analyzer

The latest interoperability tester from MultiLane, the Nexus Analyzer streamlines device interoperability and cuts down debugging times from hours to minutes with a suite of powerful tools that take some of the most time-consuming parts of CMIS/SFF validation and displaying them in one easy-to-read GUI: including CMIS/SFF register sweep, state machine and data path state machine testing, I2C R/W commands and packet analysis.



ABOUT MULTILANE

MultiLane is a leading provider of High-Speed IO and Data Center Interconnect test solutions. Products include BERTs, TDR, optical and electrical oscilloscopes, optical switch boxes, and a host of MSA-compliant development tools for QSFP28, QSFP-DD, OSFP, and other standards. MultiLane's products are used to test semiconductors, ACCs, DACs, AOCs, AECs, backplane cables, optical transceivers, and system switch cards.



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