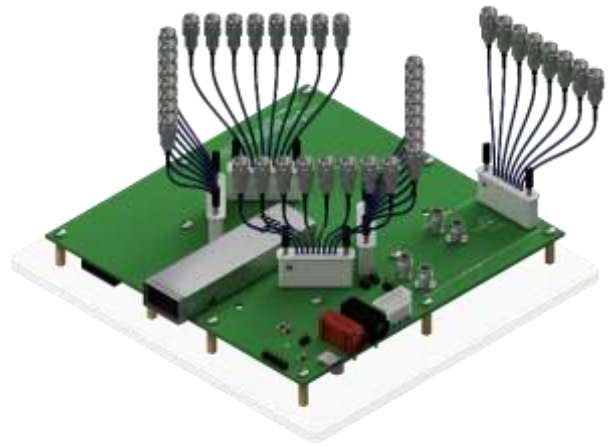


## The MultiLane 224Gbps/lane DCTS Ecosystem

Accelerating 224Gbps/lane development and adoption with host, module, and chip characterization

### ML4064-MCB-224 OSFP224 Module Compliance Board

The MultiLane ML4064-MCB-224 is a first-to-market 224Gbps/lane OSFP Module Compliance Board. The MCB features pin headers allowing access to power pins and low speed signals, the ability to drive I2C from external pin headers or connect I2C packet analyzer, the ability to drive 3.3 V from external source for power supply margining, and 1 or 2 test traces available. The MCB connects to instrumentation with high-performance SMPS connectors certified to perform with frequencies up to 110GHz, giving the MCB a total loss profile compliant with 802.3df. A USB interface grants access to CMIS GUI, providing comprehensive approach to DUT interoperability, allowing users to access full CMIS implementation in modules.

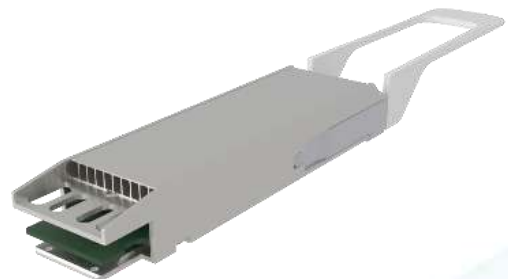


### ML4067-224 Channel Emulation Board

The latest MultiLane Channel Emulation Board, the ML4067-224 provides a comprehensive set of trace paths for 224Gbps signals to test and validate responses to lossy channels. With 11 traces at 92 and another 11 traces at 100 Ohms the ML4067-224 can emulate losses which range from 4 to 30 dB at the target Nyquist frequency of 53.125 GHz. The board supports 1 mm and 1.85 mm connectors.

### ML4064-LB-224 OSFP224 Passive Loopback

The latest MultiLane Passive Loopbacks for OSFP 224G feature 33 W of power loading and SNR analysis on the module's Rx. These pluggables are designed to demonstrate host interoperability, establish a baseline performance before introducing outside variables, and run simplified debug routines to save on support cycles and FAE resources.



Contact a sales representative today [sales@multilaneinc.com](mailto:sales@multilaneinc.com)