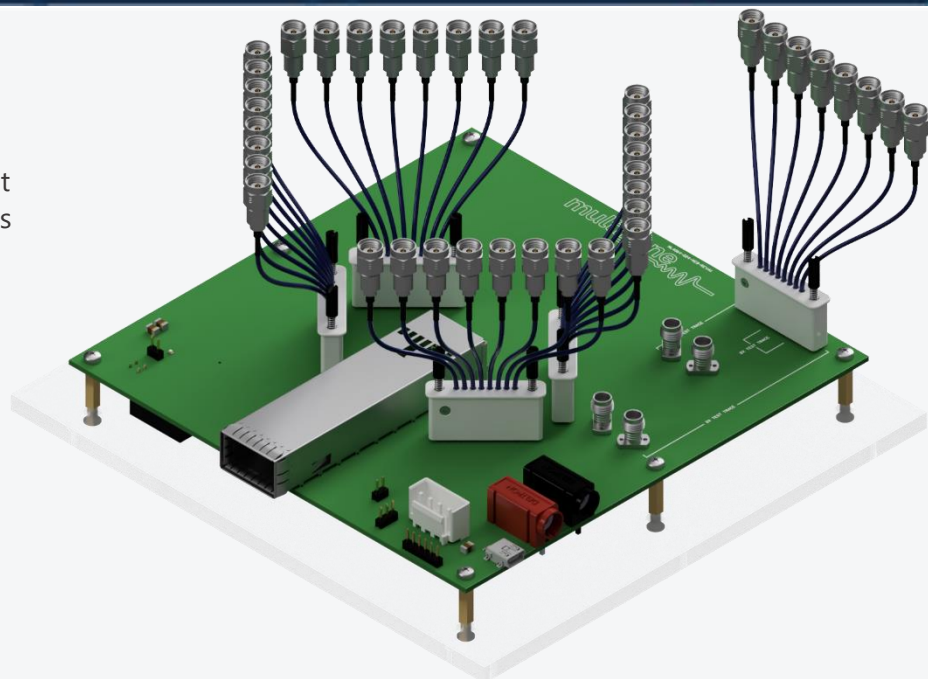


OSFP1.6T Module Compliance Board

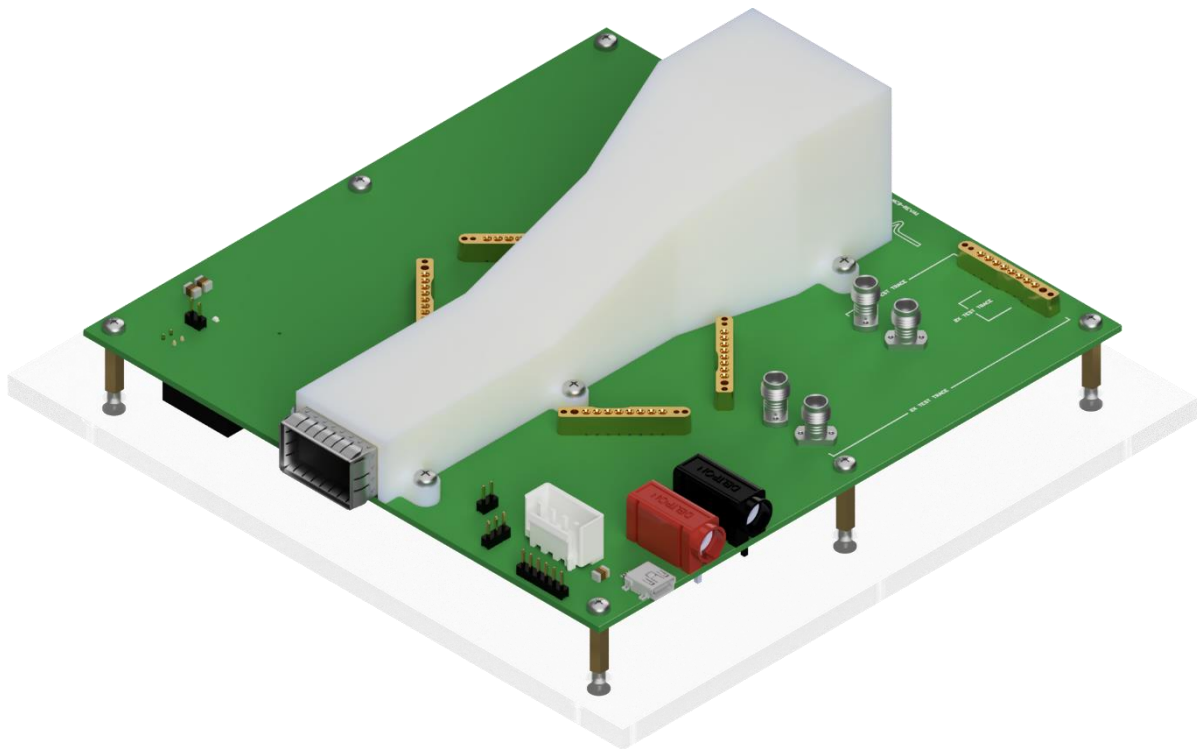
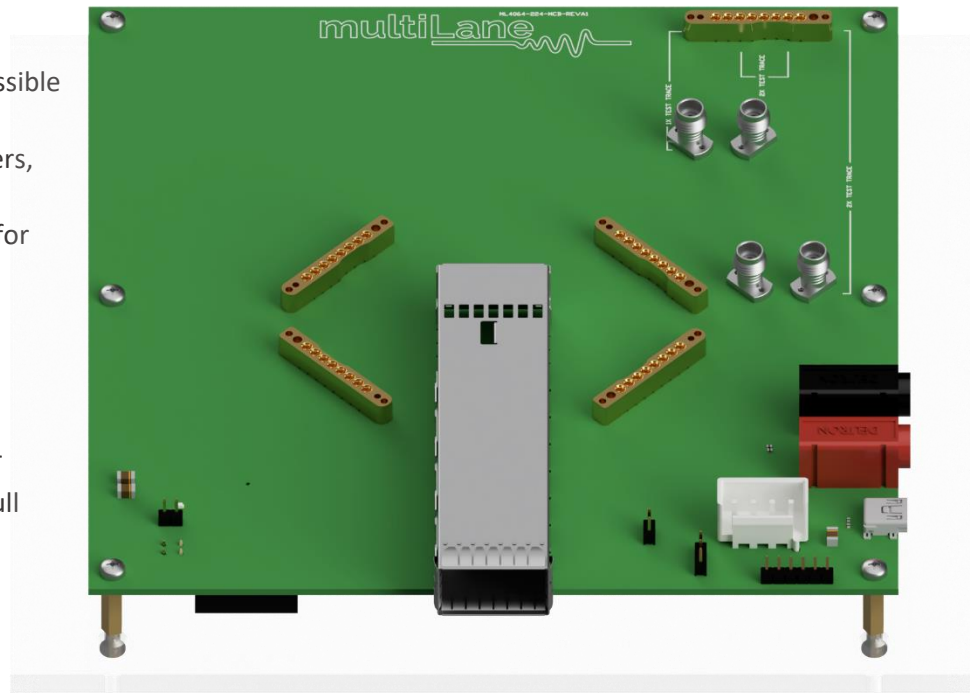
Technical Product Sheet

The arrival of 224Gbps/lane marks a significant advancement in enabling 1.6T networks. In this new ecosystem, OSFP1.6T has emerged as a leading standard to drive the development of 1.6T interconnectivity.



ML4064-MCB-224:

- MCB loss including the 3" SMPS cable is compliant with IEEE 802.3df
- Power pins and low speed signals are accessible via pin headers
- Ability to drive I2C from external pin headers, or connect I2C packet analyzer
- Ability to drive 3.3 V from external source for power supply margining
- High performance SMPS connectors up to 110GHz
- 1x and 2x test traces available
- USB Interface giving access to CMIS GUI, providing comprehensive approach to DUT interoperability, allowing users to access full CMIS implementation in modules. APIs available.

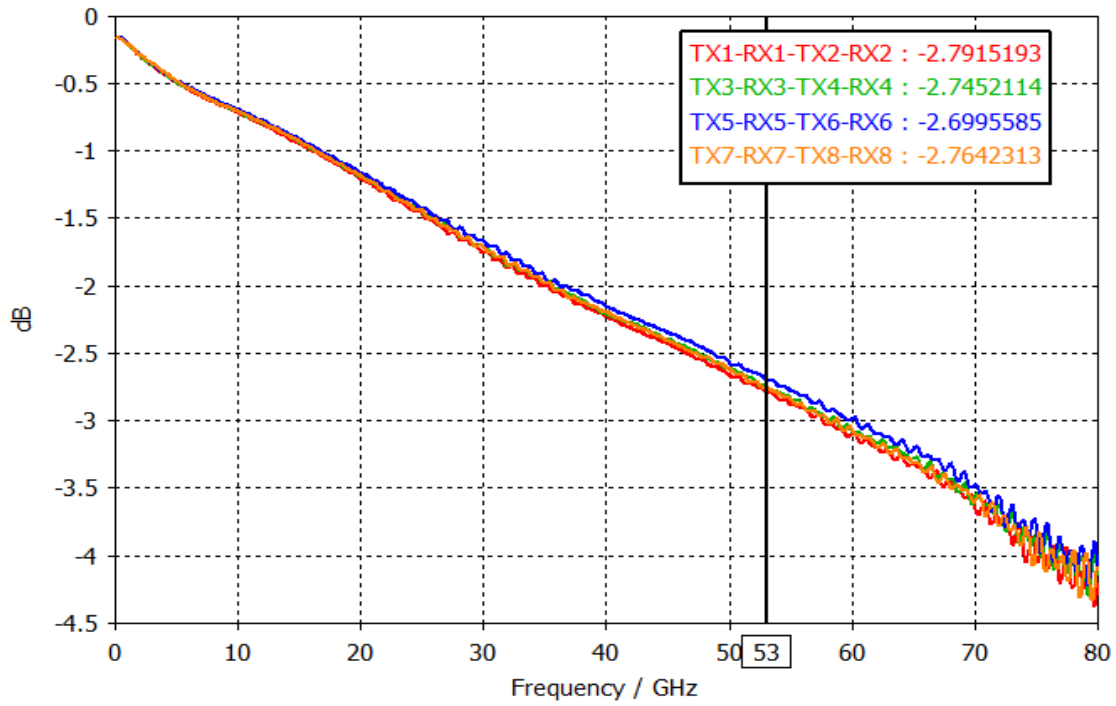


MCB Option: with fan and tunnel

Insertion Loss

SI Details:

- The graph shows the loss of the MCB from OSFP1.6T host connector, including PCB trace and SMPS connector to the 1.85mm connector on the end of the 3" cable.
- The MCB loss with a 3" SMPS cable is compliant with IEEE 802.3df.



Simulated Insertion Loss of MCB trace + 3 Inch SMPS Cable

Product Offering

Part Number	Description
ML4064-MCB-224-SMPS18X-NPI	1.6T OSFP MCB with 4x 1x8SMPS cable assembly, 3-inch length, 1.85mm <u>Male</u> Connector
	1.6T OSFP MCB with 4x 1x8SMPS cable assembly, 3-inch length, 1.85mm <u>Female</u> Connector
ML4064-MCB-224-SMPS10X-NPI	1.6T OSFP MCB with 4x 1x8SMPS cable assembly, 3-inch length, 1mm <u>Male</u> Connector
	1.6T OSFP MCB with 4x 1x8SMPS cable assembly, 3-inch length, 1mm <u>Female</u> Connector
ML4064-MCB-224-NPI	1.6T OSFP MCB, SMPS cables are not included