

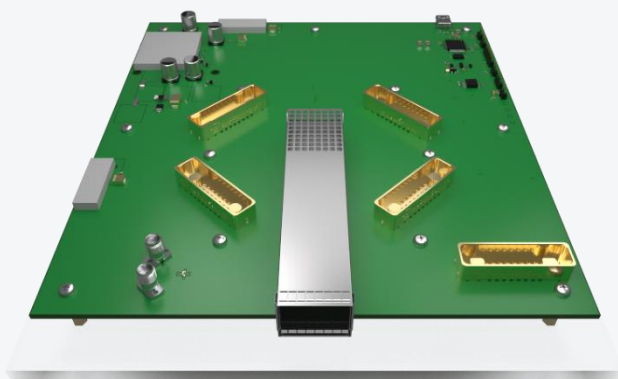
OSFP-XD

Module and Host Compliance Boards

ML4064-XD-MCB-112-MXPM70

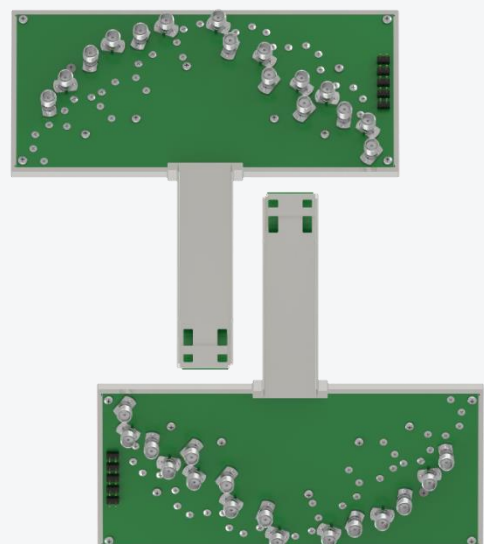
ML4064-XD-HCB1/2-112

Industry Leading OSFP-XD Test Fixtures:



OSFP-XD Module Compliance Board

ML4064-XD-MCB-112-MXPM70



OSFP-XD Host Compliance Board

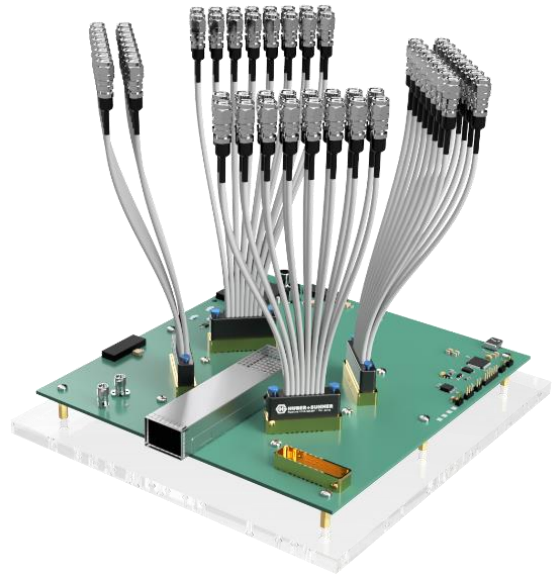
ML4064-XD-HCB1-112

ML4064-XD-HCB2-112

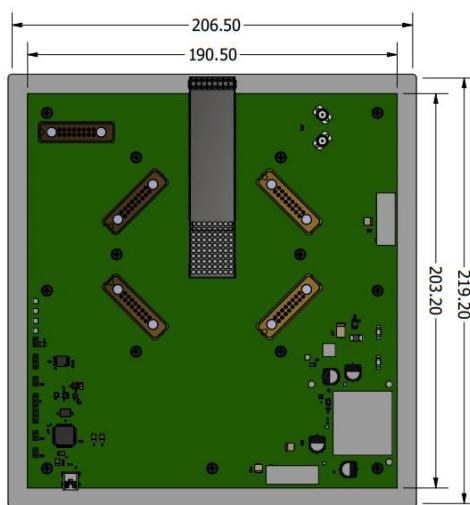
ML4064-XD-MCB-112-MXPM70

OSFP-XD MCB includes:

- MCB loss including the 3" MXPM70 cable is compliant with CEI-56G-VSR-NRZ and IEEE 802.3ck.
- CMIS GUI providing comprehensive approach to DUT interoperability, allowing users to access full CMIS implementation in modules. APIs available.
- I2C master driven from both on board microcontroller and/or external pin headers
- On-board LEDs display MSA output alarm states
- On-board buttons/jumpers for MSA input control signals



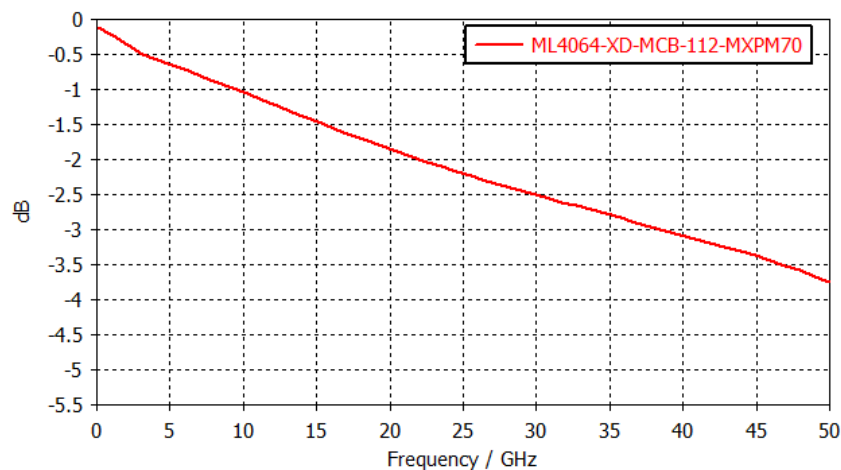
Mechanical Dimensions:



Dimensions are in millimeters.

SI Details:

- The graph shows the loss of the MCB from OSFP-XD host connector, including PCB trace and MXPM70 connector to the 1.85mm connector on the end of the 3" cable.
- The MCB loss with a 3" MXPM70 cable is compliant with CEI-56G-VSR-NRZ and IEEE 802.3ck.

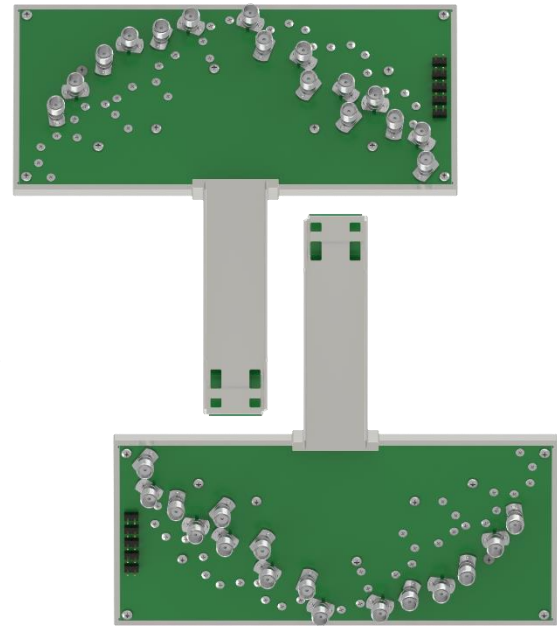


Insertion Loss OF MCB trace + 3" cable is 2.25 dB @ 25 GHz

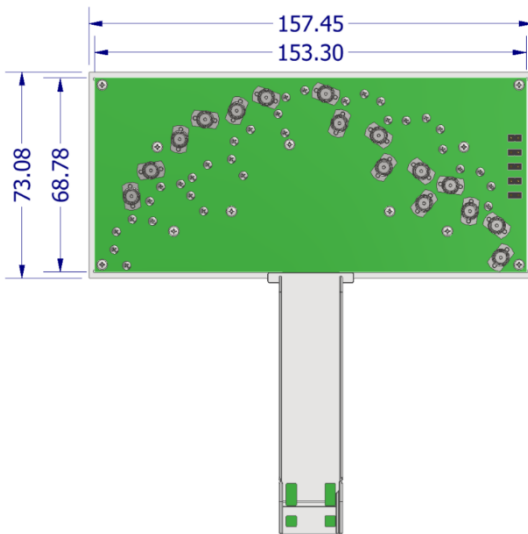
ML4064-XD-HCB1/2-112

OSFP-XD HCB:

- OSFP-XD MSA Form Factor
- Compliant with IEEE802.3ck and CEI-56G-VSR-NRZ
- Built with high performance PCB Material
- High performance signal integrity traces
- Same low Insertion Loss for all channels
- HCB1 supports 8x112G TX and RX lanes
- HCB2 supports 8x112G TX and RX lanes
- High speed signals accessible through 2.4-mm or 1.85-mm connectors



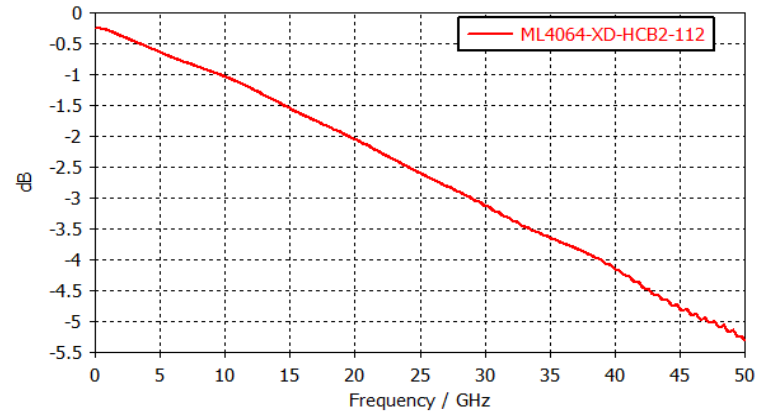
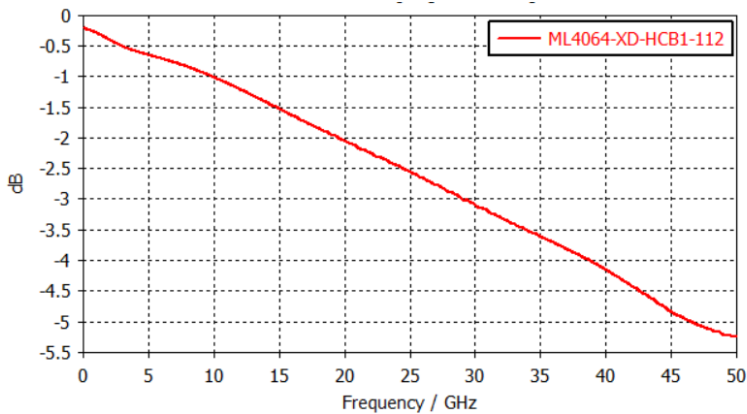
Mechanical Dimensions:



Dimensions are in millimeters.

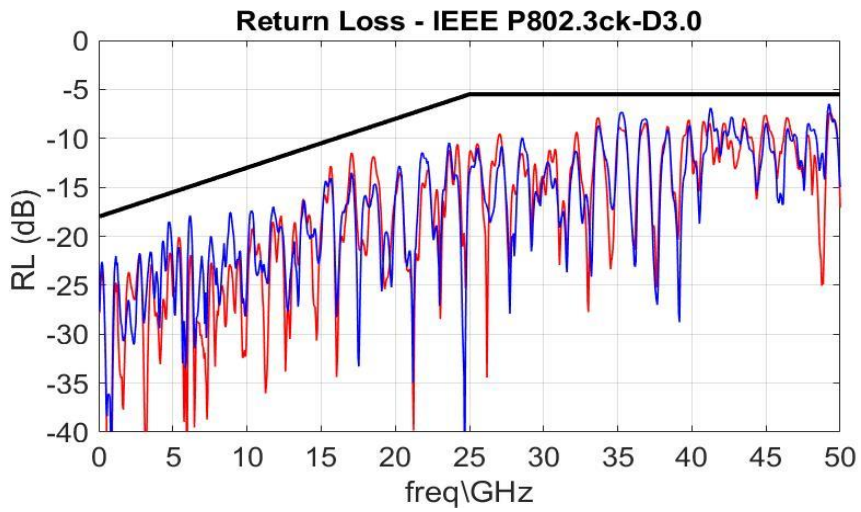
SI Details:

- The HCB1 and HCB2 loss is compliant with CEI-56G-VSR-NRZ and IEEE 802.3ck.





Measured data of mated pair ML4064-XD-HCB1/2-112 with ML4064-XD-MCB-112-MXPM70



Part Numbers	Description
ML4064-XD-MCB-112-MXPM70	4 Huber+Suhner MXPM70 connectors Cable: 2x8 Huber Suhner MXPM70 Cable Assembly.
ML4064-XD-HCB1/2-112	2.4- or 1.85-mm connectors HCB1: CH1-CH8 HCB2: CH9-CH16