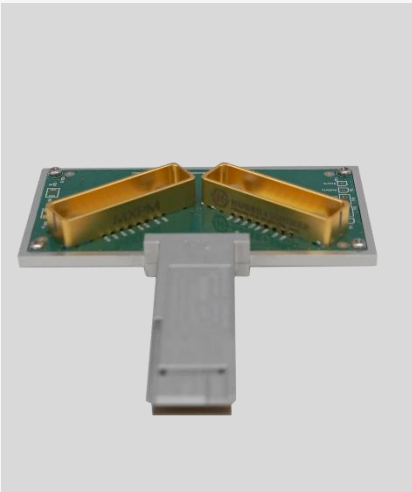


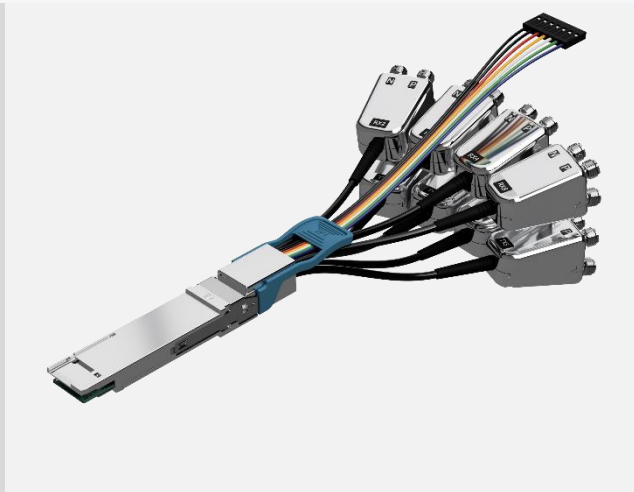
Host Compliance Boards

QSFP-DD800 Technical Product Sheet

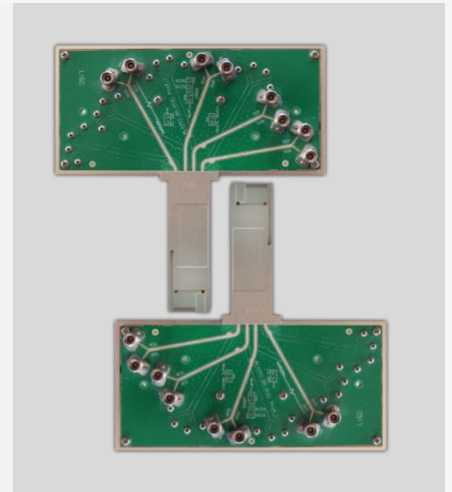
Industry Leading QSFP-DD800 HCB Offerings



ML4062-HCB-112-MXPM70



ML4062-CHCB-112



ML4062-HCB1/2-112

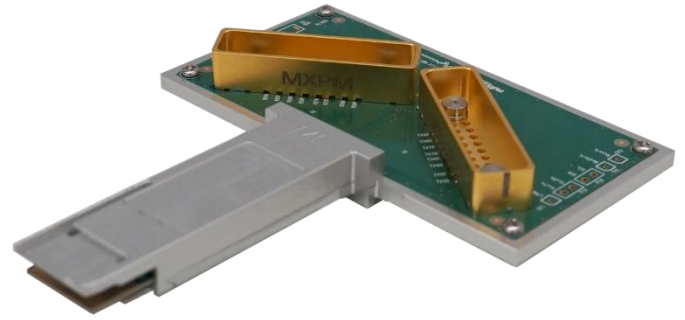
Applications

- Validate QSFP-DD800 host port signal integrity
- QSFP-DD800 host port output test
- Host stressed input testing
- Module stressed input test calibration
- Compliance testing

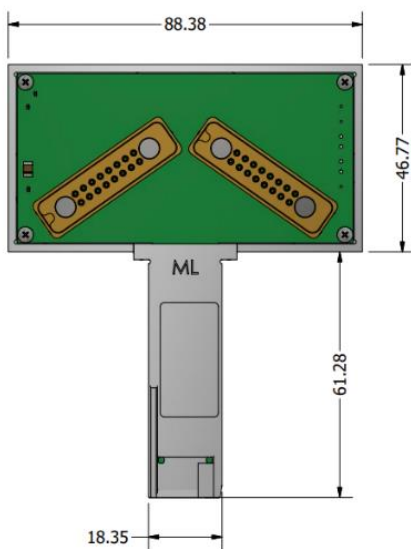
MXPM70 HCB

ML4062-HCB-112-MXPM70:

- QSFP-DD800 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
- Supports 8x112G TX and RX lanes
- High speed signals accessible through 2x8 Huber+Suhner MXPM70 connector rows

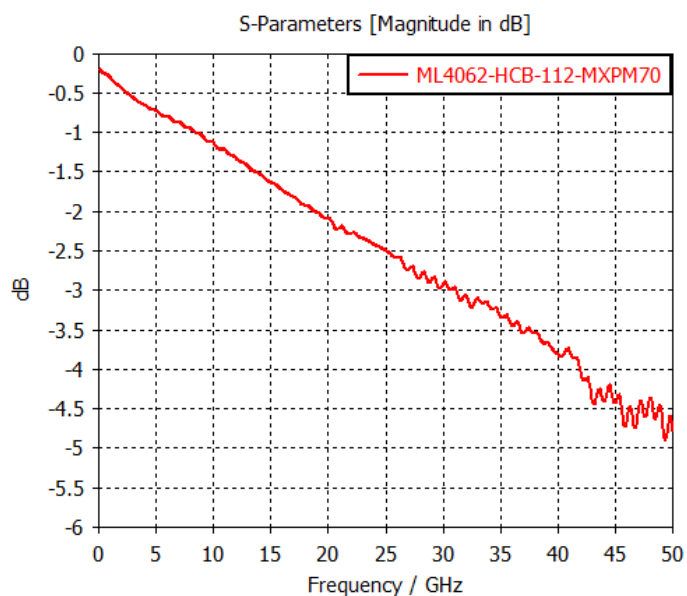


Mechanical Details



Dimensions are in millimeters.

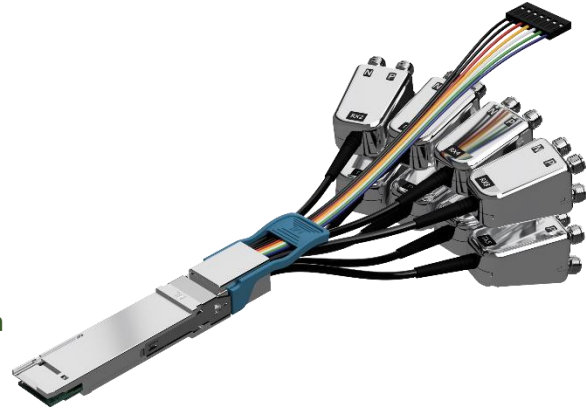
SI Details: Insertion Loss



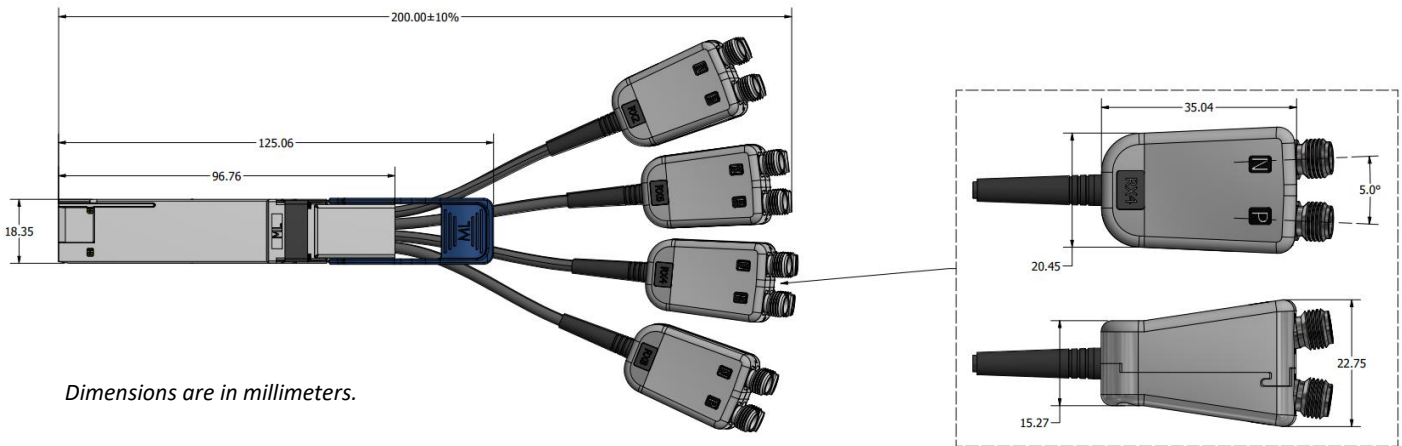
Cabled HCB

ML4062-CHCB-112:

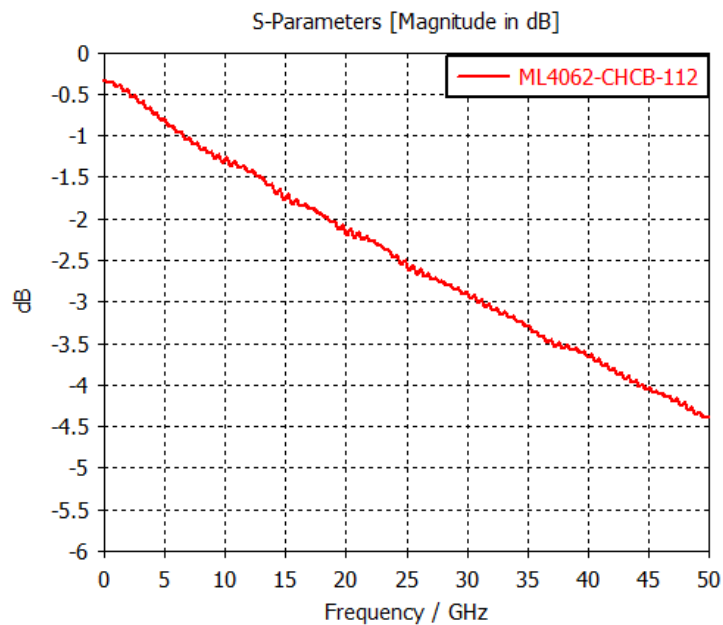
- QSFP-DD800 MSA Form Factor
- Compliant with IEEE802.3ck and CEI-56G-VSR-NRZ
- Built with high performance PCB Material
- High performance signal integrity traces
- Same low Insertion Loss for all channels
- Supports 8x112G TX and RX lanes
- High speed signals accessible through 2.4mm or 1.85 mm connectors
- Suitable for compact use cases



Mechanical details



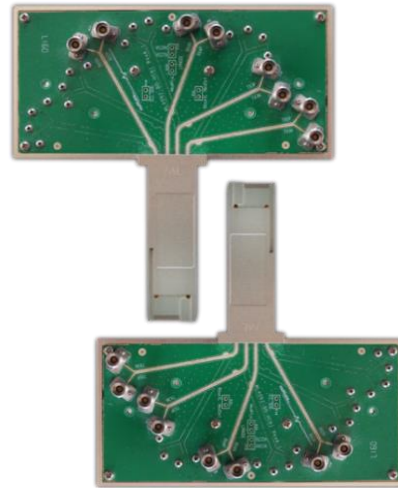
SI details: Insertion Loss



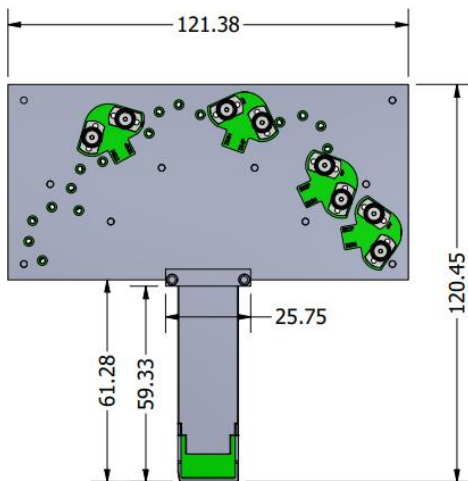
Precision Connectors HCB

ML4062-HCB1/2-112:

- QSFP-DD800 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
- Supports 8x112G TX and RX lanes
- High speed signals accessible through 2.4-mm or 1.85-mm connectors
- 4 channels HCB1: Ch1, Ch2, Ch3, Ch4
- 4 channels HCB2: Ch5, Ch6, Ch7, Ch8

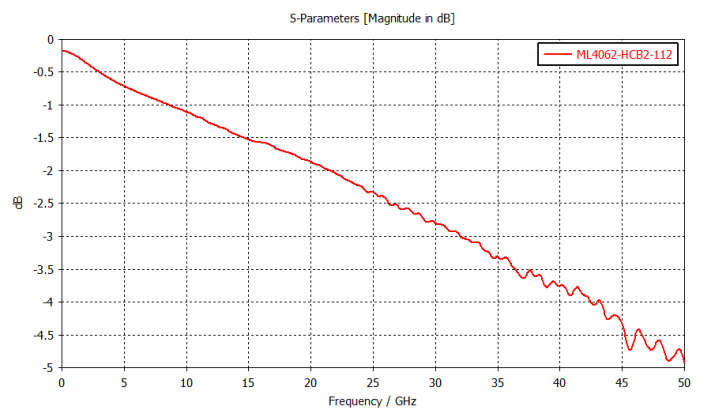
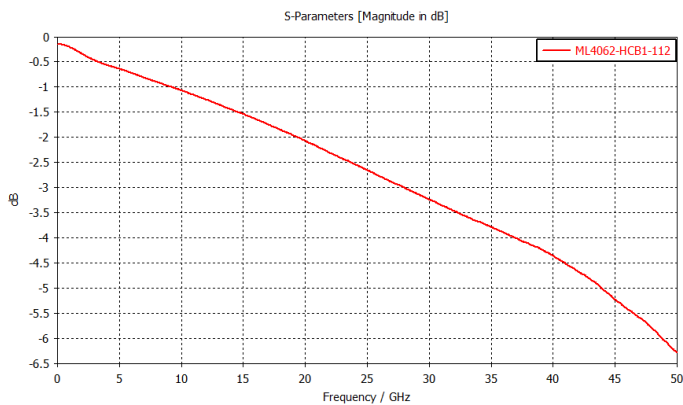


Mechanical Details:



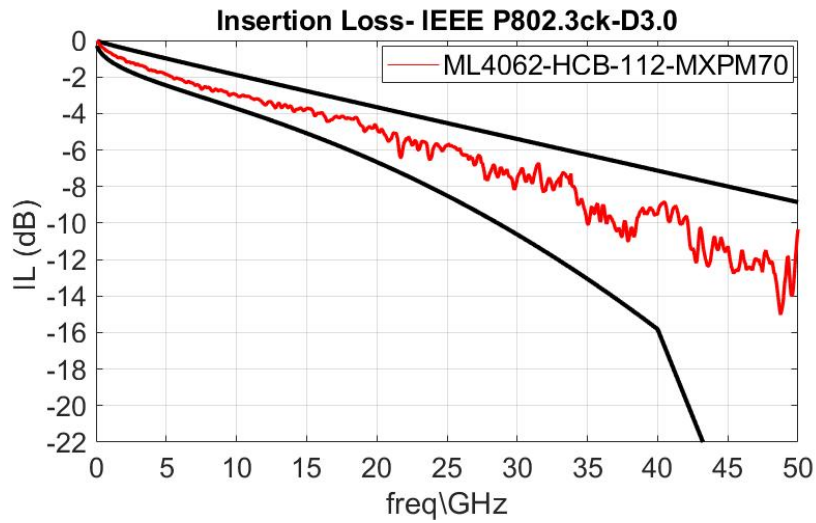
Dimensions are in millimeters.

SI details: Insertion Loss

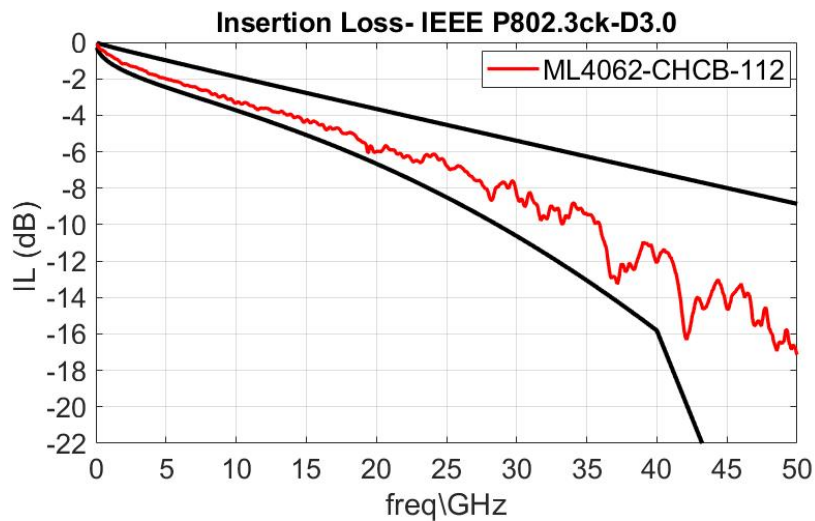


Measured SI Data

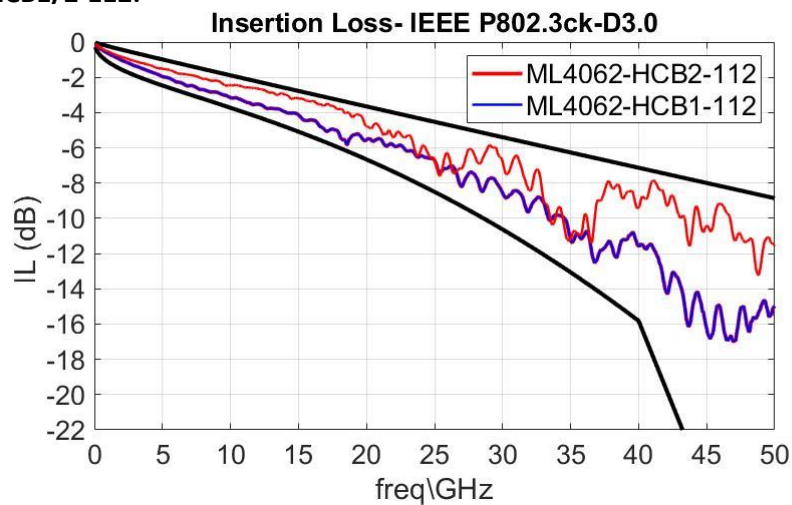
ML4062-HCB-112-MXPM70:



ML4062-CHCB-112:



ML4062-HCB1/2-112:



Note: All measured data is for mated test fixtures (Host compliance board mated with module compliance board)

Ordering Options

QSFP-DD800 HCB Ordering Options	Notes
ML4062-HCB-112-MXPM70	2 Huber+Suhner MXPM70 connectors Cable: 2x8 Huber Suhner MXPM70 Cable Assembly.
ML4062-CHCB-112-18/24	2.4- or 1.85-mm connectors
ML4062-HCB1-112-18/24	2.4- or 1.85-mm connectors HCB1: CH1-4
ML4062-HCB2-112-18/24	2.4- or 1.85-mm connectors HCB2: CH5-8.

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