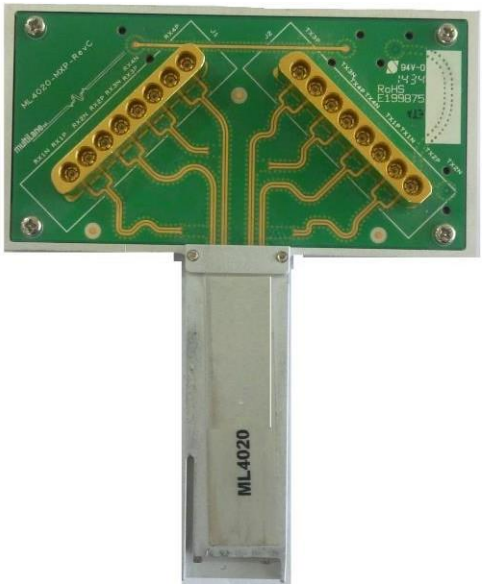
QSFP28 HCB
ML4020

Break-Out module

(4x28G) Interconnects



Key Features

- High Performance signal integrity traces
- QSFP28 MSA Form Factor
- Low Insertion Loss Rogers 3003 based material
- Production friendly form factor
- Supports 4x28G TX & RX Lanes
- High speed signals accessible through 2 Huber+Suhner MXP Connector rows
- All TX channels comes with matching trace length
- All RX channels comes with matching trace length
- Trace length 3544 mils
- Finish 200micro inches NI and 5 micro inches gold

Ordering information

ML4020-MXP
ML4020-MSMPM
SMPM- type A cables

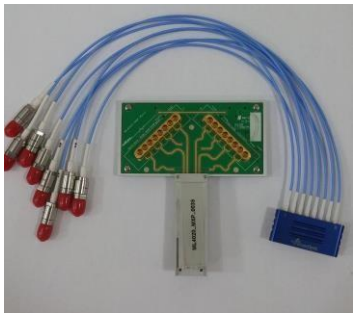
Superior Integrity and Performance

Summary

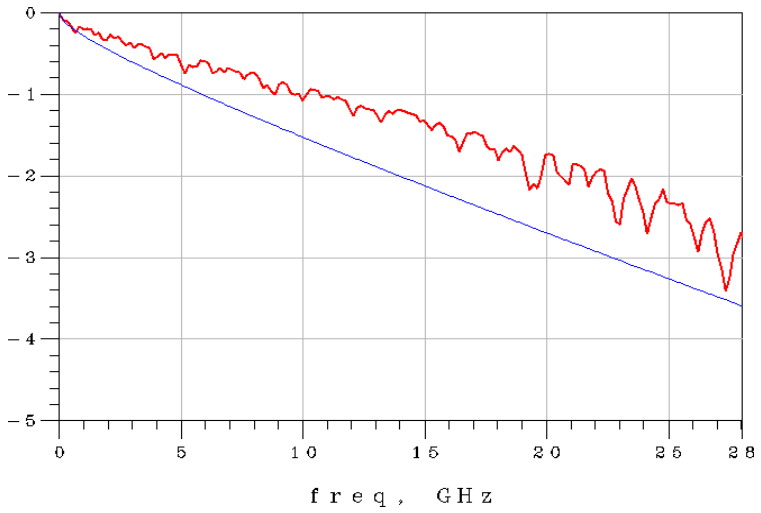
QSFP28 Host (Quad Small Form Factor 28) Break-Out Module **ML4020**, is designed to provide an efficient and easy method to test and characterize line cards with 4x28G QSFP28 ports.

The **ML4020** simply plugs into a QSFP28 slot and provides access to RX and TX ports through high performance signal integrity breakout path.
It comes with:
*2 Huber Suhner MXP 1x8 coaxial PCB connectors (1x8A_81_MXP-S50-0-1/111_N)

Or
*2 ML 40Gbps multi-SMPM-type A connectors



Compliant with CEI-28G-VSR HCB characteristics



Applications

- System Characterization
- Signal Integrity analysis
- QSFP28 Line Card and Port Characterization
- Ethernet IEEE 802.3 (Gigabit, 10 Gigabit and 40 Gigabit Ethernet)

QSFP28 HCB
ML4020-N

Break-Out module

(4x28G) Interconnects

Key Features

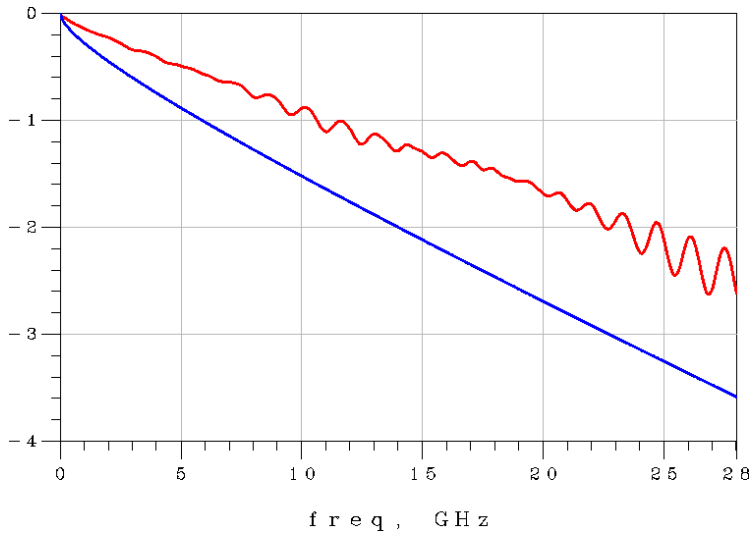
- High Performance signal integrity traces
- QSFP28 MSA Form Factor
- Low Insertion Loss Rogers 3003 based material
- Production friendly form factor
- Supports 4x28G TX & RX Lanes
- High speed signals accessible through 2 Huber+Suhner MXP Connector rows
- Max Trace length 3869 mils
- Finish 200micro inches NI and 5 micro inches gold

Ordering information

ML4020-N-MXP

ML4020-N-MSMPM- type A SMPM cables

Compliant with CEI-28G-VSR HCB characteristics



Applications

- System Characterization
- Signal Integrity analysis
- QSFP28 Line Card and Port Characterization
- Ethernet IEEE 802.3 (Gigabit, 10 Gigabit and 40 Gigabit Ethernet)

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