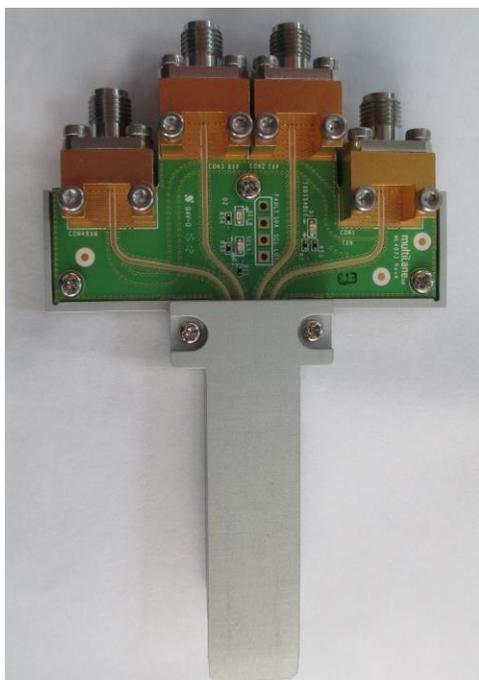


SFP28 HCB

ML4023

Break-Out module
28G Interconnects



Key Features

- High Performance signal integrity traces
- SFP28 MSA Form Factor
- Low Insertion Loss Rogers 3003 based material
- Supports single 28G TX & RX Lanes
High speed signals accessible through 4 2.92mm 40 GHz edge launch K connectors.
- TX and RX channels comes with matching trace length of 3185 mils
- High Speed Traces are Electroless Ni/Electroless Gold Plated. Hard gold plating for fingers.

- Provide Access to all SFF control/Alarm signals

Ordering information

ML4023

Superior Integrity and Performance

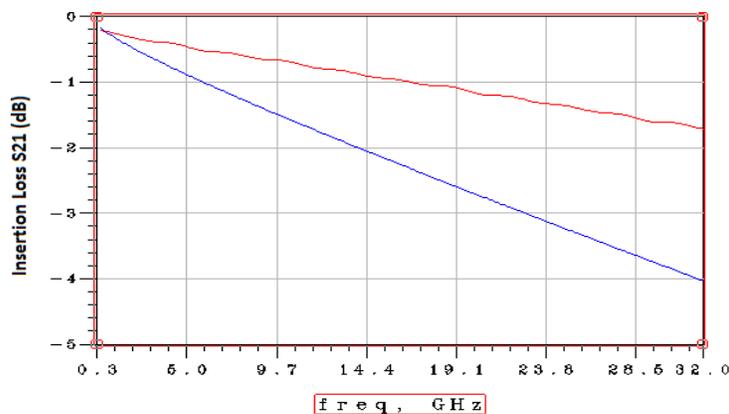
Summary

SFP28 (Small Form Factor) 28G Break-Out Module **ML4023**, is designed to provide an efficient and easy method to test and characterize line cards with 28G SFP ports.

The **ML4023** simply plugs into a SFP28 slot and provides access to RX and TX ports through high performance signal integrity breakout path.

It comes with 4 2.92mm 40 GHz edge launch k connectors.

Compliant with CEI-28G-VSR HCB IL characteristics



Blue: HCB reference SDD21

Red: ML4023 SDD21

Applications

- System Characterization
- Signal Integrity analysis
- SFP28 Line Card and Port Characterization
- Ethernet IEEE 802.3 (Gigabit, 10 Gigabit and 40 Gigabit Ethernet)

SFP28 HCB ML4023-N

Break-Out module
28G Interconnects



Key Features

- High Performance signal integrity traces
- SFP28 MSA Form Factor
- Low Insertion Loss Rogers 3003 based material
- Supports single 28G TX & RX Lanes
- High speed signals accessible through 4 2.92mm 40 GHz right angle K connectors.
- TX channels comes with trace length of 4027 mils
- RX channels comes with trace length of 3062 mils
- Provide Access to all SFF control/Alarm signals

Ordering information

ML4023-N

Superior Integrity and Performance

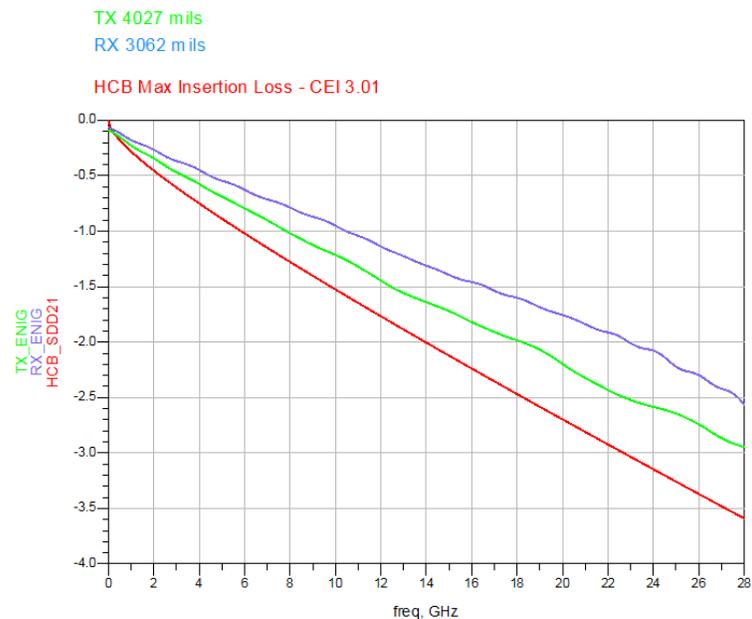
Summary

SFP28 (Small Form Factor) 28G Break-Out Module **ML4023-Narrow**, is designed to provide an efficient and easy method to test and characterize line cards with 28G SFP ports.

The **ML4023-N** simply plugs into a SFP28 slot and provides access to RX and TX ports through high performance signal integrity breakout path.

It comes with 4 2.92mm 40 GHz right angle k connectors.

Compliant with CEI-28G-VSR HCB IL characteristics



Applications

- System Characterization
- Signal Integrity analysis
- SFP28 Line Card and Port Characterization
- Ethernet IEEE 802.3 (Gigabit, 10 Gigabit and 40 Gigabit Ethernet)

Worldwide**MultiLaneSAL**

Houmal Technology Park
141 Main Road
Houmal, Lebanon
+961 5 941668

North America & Europe**MultiLane Inc**

2000 Wyatt Drive, Suite 6
Santa Clara CA 95054
USA
+1 408 890 2234

Website: www.multilaneinc.com

Email: sales@multilaneinc.com

About MultiLane SAL

MultiLane SAL is leading developer of high speed instruments and interconnects test modules for 10, 40, and 100Gbps of SerDes and high speed IO for the semiconductor and cloud computing infrastructure. Products includes BERTs, Scopes, and MSA Compliant development tools MCBs, HCBs and loopback modules for CFP, CFP2, CFP2-ACO, QSFP, QSFP28, SFP and SFP28 modules. MultiLane's products are used to test semiconductors, AOC, electro optical modules and blades. MultiLane operates out of Houmal Technology Park in Lebanon.

Brochure History

This section describes the changes that were implemented in this document. The changes are listed by revision, starting with the most current publication.

Revision 0.1: March 5th 2015

Revision 0.2: October 12th 2015