

Data Center Interconnect & High-Speed IO Test Solutions

Roadmap | V4.7.9

Q2, 2021

Company Profile



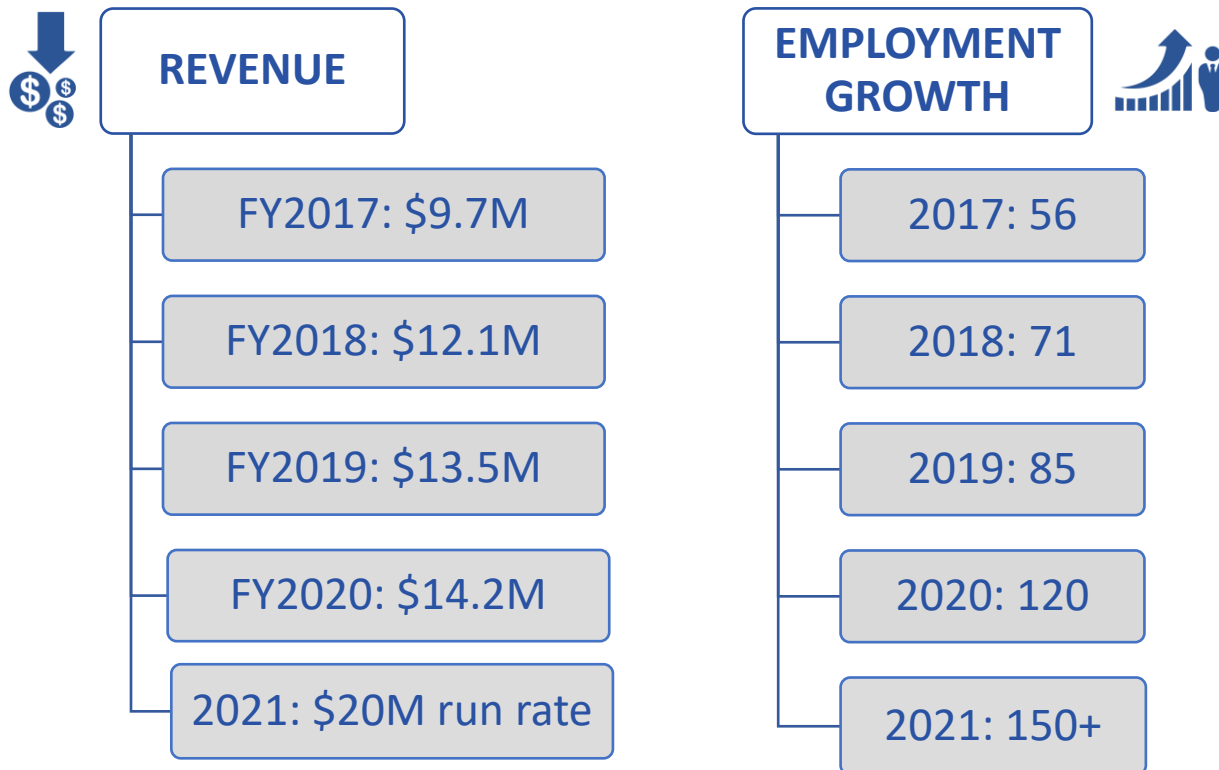
- Highly agile and innovative company
- Data Center Interconnect and High-Speed IO test solutions
- 10G to 800G support

- More than 200 products released
- Over 500 customers
- Worldwide presence

Corporate Profile

Mission & Results

- MultiLane provides high-value test solutions for the high-speed IO markets that enable next generation interconnect technologies and exceed customer expectations



New Facility – An Environment of Growth

Houmal, Lebanon

- 500 sqm. facility

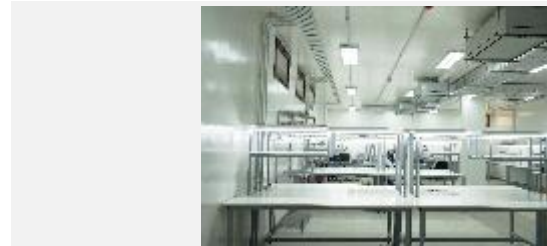


2018

- 20,000 sqm. facility



2019



- 6,000 sqm office space
- 2,000 sqm clean rooms and laboratories
- 1,000 sqm production /prototyping

- Capacity of > 1,000 employees
- LEED buildings with renewable energy
- Applied training center
- 11,000 sqm community center with guest house



Worldwide Customers



Physical Layer Instrument Market

PERFORMANCE



multiLane 



High value solutions



Production testing focus



More than 4000 instruments deployed worldwide



Broad solution portfolio

Low-end BERTs



PRICE



Solutions for the Complete HSIO Ecosystem



Host Emulator



Optical Switch Box



Optical/Electrical DSO

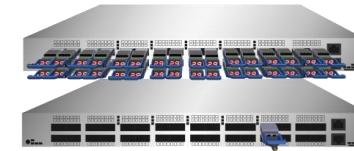


JTOL Clock Source



800G R&D BERT

Data Center Applications



Transceiver Testing

CMIS Testing

Host Testing



V93K ATE Silicon & IC Tester

MultiLane Solutions

DAC Cable Testing

Thermal Solutions

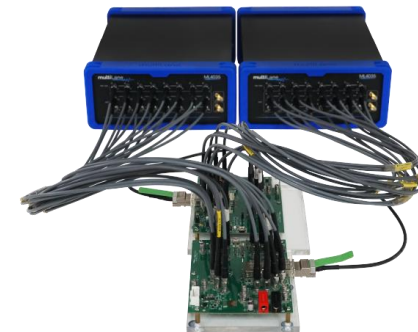
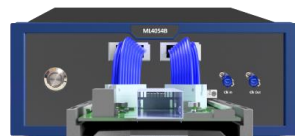
MultiLane Products

400G BERT with Noise Injection Feature

TDR/DSO/ BERT

400G Manufacturing





MSA Compliant Interconnects



Interconnects

Global Leader in Interconnect Solutions

Form factors available

-  CFP
- CFP2
- CFP2-DCO
- CFP2-ACO
- CFP4
- CFP8
- microQSFP
- **QSFP-DD** 
- **QSFP 400G***
- **QSFP-DD800** *
- QSFP28/56
- QSFP+
-  OSFP
- **OSFP 800G***
- **SFP-DD**
- SFP28/56
- DSFP

Types

- MCB
- HCB
- Loopback/
Thermal load



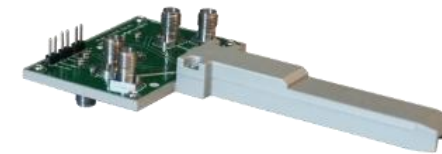
ML4022-MCB



ML4066-QDD ADP/ANA



ML4062-MCB-MXP



ML4019-HCB



ML4064-LB

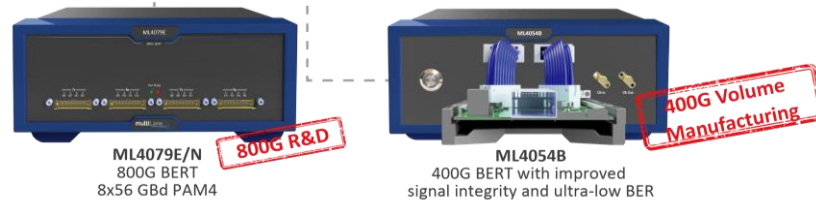


ML4062-LB-112

What's New | Products

Data Center Interconnect & High-Speed IO Test Solutions

- New BERTs - ML4054B and ML4079E/N



- Enigma Instrument Enclosure



- 112G Interconnects for 800G



- Smart Loopbacks



- Industrial Grade Loopbacks

- 30W 800G Loopbacks



- Phase-matched RF Cables



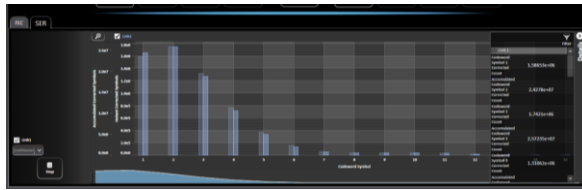
What's New | Solutions

Data Center Interconnect & High-Speed IO Test Solutions

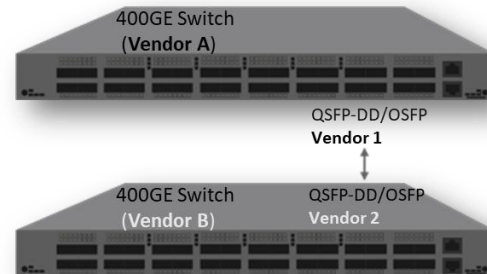
- OpenEye MSA Support



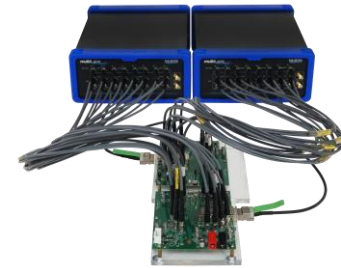
- ThunderBERT and Real FEC Analysis



- 400G Compliance and Interop Lab
- I2C CMIS testing

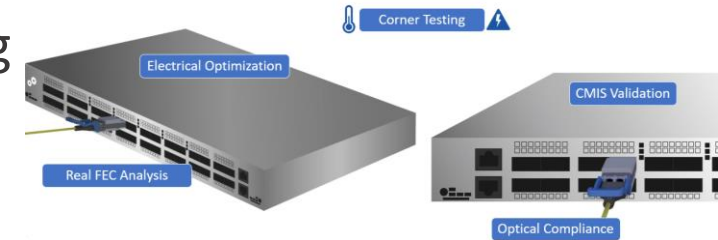


- DAC Cable testing

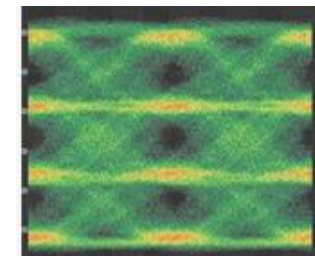


- Host Testing Solutions

- Transceiver Testing Solutions



- Noise Injection BERTs for Stress Testing Applications





THANK YOU

Innovation for the next generation

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