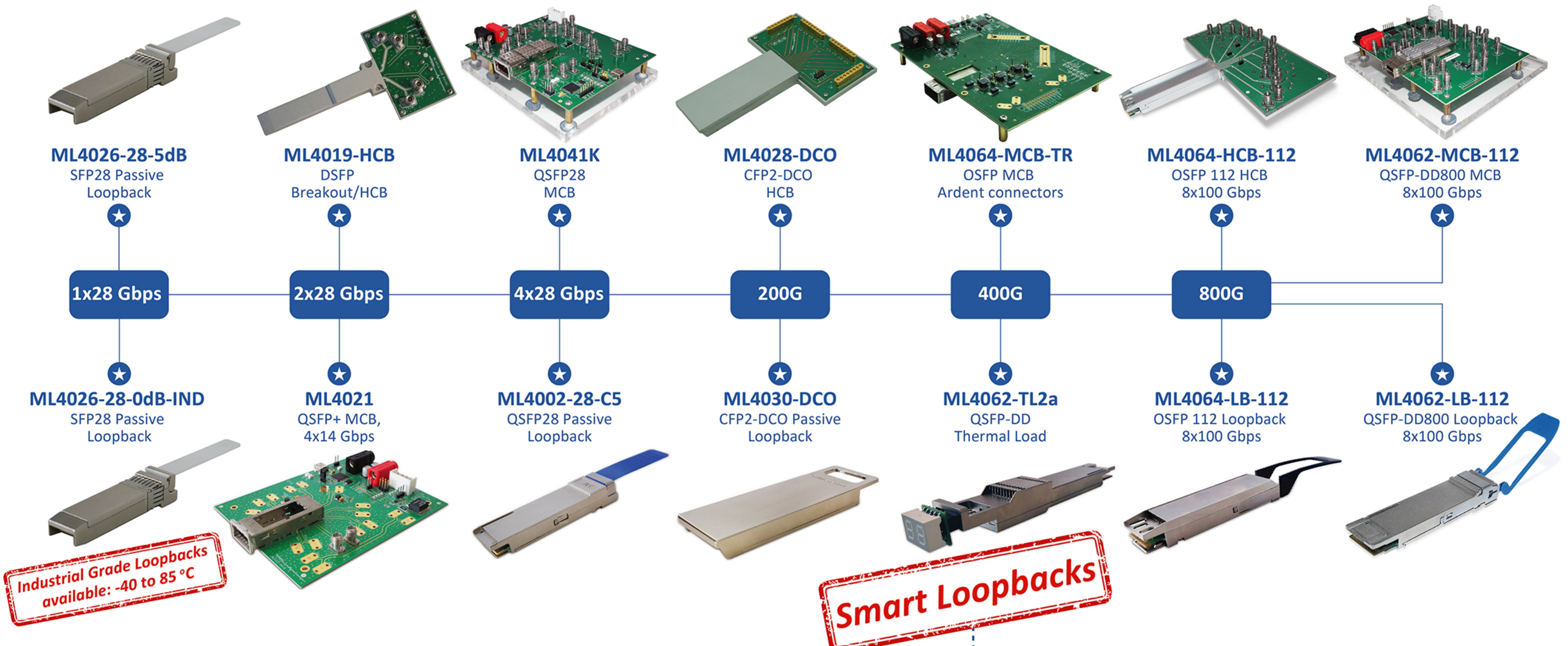# multiLane

Innovation for the next generation

#1 SUPPLIER OF COMPLIANCE BOARDS FOR THE DCI MARKET

MultiLane is a leader in data center interconnects, with smart loopbacks, module and host compliance boards, adapters and CMIS analyzers.

Since 2006, **MultiLane** has been offering high speed test and measurement equipment for data communications.

ML4026-28-5dB
SFP28 Passive Loopback

ML4019-HCB
DSFP Breakout/HCB

ML4041K
QSFP28 MCB

ML4028-DCO
CFP2-DCO HCB

ML4064-MCB-TR
OSFP MCB Ardent connectors

ML4064-HCB-112
OSFP 112 HCB 8x100 Gbps

ML4062-MCB-112
QSFP-DD800 MCB 8x100 Gbps

| 1x28 Gbps | 2x28 Gbps | 4x28 Gbps | 200G | 400G | 800G |

ML4026-28-0dB-IND
SFP28 Passive Loopback

ML4021
QSFP+ MCB, 4x14 Gbps

ML4002-28-C5
QSFP28 Passive Loopback

ML4030-DCO
CFP2-DCO Passive Loopback

ML4062-TL2a
QSFP-DD Thermal Load

ML4064-LB-112
OSFP 112 Loopback 8x100 Gbps

ML4062-LB-112
QSFP-DD800 Loopback 8x100 Gbps

Industrial Grade Loopbacks available: -40 to 85 °C

Smart Loopbacks

Intelligent features enable host FW verification and more:
- Edge detection of control signals (CMIS testing)
- Manipulation of host alarm settings
- Fully programmable MSA memory pages
- LCD screen for real-time diagnostics
- Customizable feature set

Available Form Factors

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

More Information

HCB
Host Compliance Board

- Tests electrical paths of the below platforms: host/switch/router/server/transponder
- Plugs into the system host port
- Provides access to the host electrical input and output signal
- TP1a, TP4a compliance test points
- Ideal for testing host ports

MCB
Module Compliance Board

- Tests optical transceivers such as modules/pluggables/optics/parts
- Transceiver module plugs into the MCB
- Provide access to the module electrical input and output signal
- TP1, TP4 compliance test points
- Includes GUI for MSA compliant controls
- Ideal for testing transceiver modules, DACs, and AOCs

LB
Loopback module

- Tests the port signal integrity of the hosts
- MSA compliant housing
- Transmit data from the host is routed back to the host receiver
- Thermal loads
- Programmable power dissipation
- Exercise system ports during R&D validation, production testing, and field testing

CMIS
Analyzer/Adapter

- Plugs into system host port
- Transceiver module plugs into the adapter
- Validate CMIS compliance
- Supports CMIS version 3.0, 4.0, 4.1
- Debug system start-up procedure

Graphical User Interface