

Marketing Datasheet

ML4000-8B

Signal Integrity Analyzer

Compact cPCI 6U Chassis

8-Slot Backplane

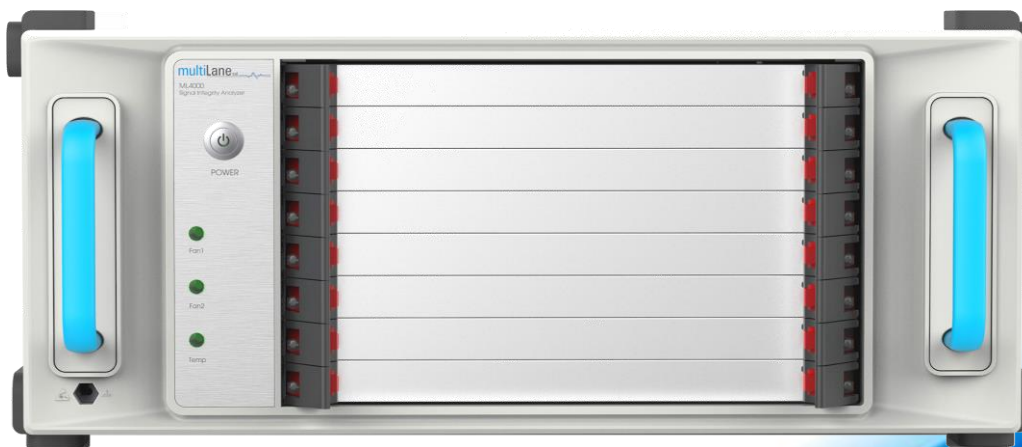
cPCI Std. 2.0 R3.0, 2.16 R1.0

LED indication for

Power/Fan Status & Temp. Alarm

Include Rack Mount Kit

Optional Switchboard



Overview

The MultiLane ML4000-8B is designed as a cPCI 6U chassis with PICMG 2.16 specification Backplane and Switchboard. The purpose of ML4008-8B is for use as test and validation equipment of high speed electrical/optical communication.

Specification	
Enclosure	19" 6U high rack mount enclosure Coated metal plate outer covering
CompactPCI Standard	2.0 R3.0, 2.16 R1.0
Form Factor	6U CompactPCI
Backplane	8 slots including 7 node slots & 1 PICMG 2.16 slot
Power Input	AC Input by one ATX connector on the backplane
Voltage Range	90 - 265 V _{rms}
Input Frequency	47 - 63 Hz
Input Line Current	115 V/10 A, 230 V/5 A
Power Consumption (Max.)	500 W
Basic Alarm Module	Monitoring inner chassis temperature & fan status Abnormal status will generate alarm and LED warning
Cooling System	Hot-swappable right side intake fan Hot-swappable left side exhaust fan
Dimensions (mm, W x H x D)	481.6 x 193.0 x 373.5
Weight	around 18 kg
Operation	0 °C to 50 °C
Storage Temperature	-20 °C to 80 °C
Humidity	5 % to 95 %, non-condensing
Shock (non-operation)	15 G _{pk-pk} , 11 ms duration
Vibration (non-operation)	1.88 G _{RMS} , 5 Hz - 500 Hz, each axis
Vibration (operation)	0.5 G _{RMS} , 5 Hz - 500 Hz, each axis
Compatible Board	ML4039 Family, ML4025, etc.



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Order Information	
Order No.	Description
ML4039	4 Channels 28 Gbps BERT
ML4039-15	4 Channels 15 Gbps BERT
ML4039-JIT	4 Channels 28 Gbps BERT with Jitter Generation
ML4039-EQL	4 Channels 28 Gbps BERT with 9-tap transversal filter for equalization tolerance testing
ML4039-3W	3-Year Warranty
ML4000-4	Signal Integrity Analyzer Main Chassis, 4 slots
ML4000-8A	Signal Integrity Analyzer Main Chassis, 8 slots
ML4000-8B	Signal Integrity Analyzer Main Chassis, 8 slots with optional switch function
ML4000-16	Signal Integrity Analyzer Main Chassis, 16 slots
<ul style="list-style-type: none"> Standard Warranty - 1 Year 	
<p><i>For more information on this or other products, contact Multilane sales team by email at sales@multilaneinc.com</i></p>	

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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 a host of MSA Compliant development tools for CFP, CFP2, QSFP, QSFP28, and 5x7 LH modules. MultiLane's products are used to test semiconductors, AOC, electro-optical modules and blades.

MultiLane operates out of Houmal Technology Park in Lebanon, and has been offering leading edge technology and products to tier-1 equipment suppliers globally. Visit www.multilaneinc.com



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