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Data Sheet

August 15, 2026

IXIA

Ixia LM100FX

Ixia LM100FX 100 Mbps Fiber Ethernet Load Module The Ixia LM100FX is a 100BASE-FX Ethernet load module documented in Ixia Optixia XM12 port hardware chapters. OEM manuals place LM100FX/LM100FXSM in the 100 Mbps fiber load-module family for chassis-based traffic generation. Fast Ethernet fiber interface testing of switches routers and access devices. Companion to LM100FXSM single mode variant The Ixia LM100FX is a 100BASE-FX Ethernet load module documented in Ixia Optixia XM12 port hardware chapters. OEM manuals place LM100FX/LM100FXSM in the 100 Mbps fiber load-module family for chassis-based traffic generation. Fast Ethernet fiber interface testing of switches routers and access devices. Companion to LM100FXSM single mode variant Humidity Operating: 0 to 85 percent non condensing



MODEL

Ixia LM100FX

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LM100FX

LISTING

<https://aumictechlabs.com/products/lm100fx-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ixia LM100FX is a 4-port fiber optic load module for network testing and monitoring. It delivers 100 Mbps data rate over 100Base-FX interfaces with MT-RJ connectors, enabling reliable fiber optic connectivity for data capture, performance verification, and troubleshooting. The module integrates into Ixia test chassis and is managed through IxExplorer software, a Windows-based client-server application supporting both local and remote TCP/IP control. Technical

Specifications Interface Type: 100Base-FX Ports: 4 Connector Type: MT-RJ Data Rate: 100 Mbps Data Buffer Memory: 2 MB Form Factor: Load Module Physical Layer: Ethernet Key Features Front panel status indication displays link state, packet transmission/reception, and error conditions in real time Integrated Tcl-based test scripting support with RFC 2544 and RFC 2285 performance test implementations 2 MB onboard data buffer for packet capture and analysis Typical Applications Network performance verification and validation Fiber optic link troubleshooting and diagnostics RFC-compliant performance testing over 100Base-FX circuits Multi-port data capture and packet analysis Compatibility & Integration The LM100FX operates within Ixia test chassis environments managed by IxExplorer software. IxExplorer runs on Windows platforms and supports both direct execution on the chassis and remote operation over TCP/IP networks. Configuration, control, and monitoring of all module functions occur through the IxExplorer interface. Environmental specifications: Operating humidity 0% to 85% non-condensing; storage temperature 5°C to 50°C.

LM100FX Characteristics / Specifications

PARAMETER	VALUE
Model	LM100FX
Instrument Type	Ethernet load module
Port Speed	100 Mbps Fast Ethernet
Media	100BASE-FX fiber
Related Variant	LM100FXSM single mode
Chassis Family	Ixia Optixia XM class
Operating Temperature	5 C to 40 C
Storage Temperature	5 C to 50 C
Humidity Operating	0 to 85 percent non condensing
Form Factor	Ixia load module slot card
Traffic Layers	multi layer L2 to L7 class
Use Case	100 Mbps fiber performance test
Series Family	Ixia LM100 Ethernet modules
Duplex	full duplex Fast Ethernet
Manufacturer	Ixia
Slot Power	chassis supplied
Port Leds	per port link activity class
Capture Buffer Class	per port on Ixia architecture
Protocol Emulation Class	as licensed on chassis
Hot Swap Class	chassis dependent
Autonegotiation	IEEE 802.3 Fast Ethernet class
Fiber Connector Class	SC or ST FX style
Humidity	Operating: 0 to 85 percent non condensing

LM100FX Specifications

PARAMETER	VALUE
Ixia LM100FX 100 Mbps Fiber Ethernet Load Module	Overview
Key Features	100BASE-FX fiber Ethernet ports
Chassis based traffic generation	Companion to LM100FXSM single mode variant
Technical Specifications	Model: LM100FX

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	5 C to 50 C
Operating temperature	5 C to 40 C
Operating Temperature	5 C to 40 C
Humidity	Operating: 0 to 85 percent non condensing
Humidity Operating	0 to 85 percent non condensing
Form Factor	Ixia load module slot card
Traffic Layers	multi layer L2 to L7 class
Use Case	100 Mbps fiber performance test
Series Family	Ixia LM100 Ethernet modules
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Protocol Emulation Class	as licensed on chassis
Hot Swap Class	chassis dependent
Autonegotiation	IEEE 802.3 Fast Ethernet class
Fiber Connector Class	SC or ST FX style Notes Identity and FX media from Ixia Optixia XM12 load-module documentation for LM100FX; environmental rows from shared Ixia chassis module tables.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.