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Data Sheet

August 15, 2026

IXIA

Ixia LM622MR

Ixia LM622MR Dual Port OC3/OC12 ATM POS Load Module The Ixia LM622MR is a 2-port ATM and Packet-over-SONET load module. OEM Ixia catalogs list OC-3/OC-12 ATM/POS support at 155 and 622 Mbps with full L2-L7 test features; LM622MR-512 adds 512 MB port CPU memory. SONET/SDH ATM and POS interface testing for routers and optical transport equipment.

Memory Variant: LM622MR-512 with 512 MB port CPU memory The Ixia LM622MR is a 2-port ATM and Packet-over-SONET load module. OEM Ixia catalogs list OC-3/OC-12 ATM/POS support at 155 and 622 Mbps with full L2-L7 test features; LM622MR-512 adds 512 MB port CPU memory. SONET/SDH ATM and POS interface testing for routers and optical transport equipment. Memory Variant: LM622MR-512 with 512 MB port CPU memory

Example: OC3OC12PHY dual SC 1310 nm multi mode



MODEL

Ixia LM622MR

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LM622MR

LISTING

<https://aumictechlabs.com/products/lm622mr-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ixia LM622MR is a 2-port load module engineered for high-volume traffic generation and packet analysis in network performance testing environments. It supports OC-3 and OC-12c data rates over Packet over SONET/SDH (POS) interfaces, enabling comprehensive evaluation of network infrastructure performance and capacity. The module integrates into Ixia chassis platforms and operates with Ixia server software including Ixserver and Ixplorer, providing

sophisticated traffic generation and analysis capabilities for carrier-class network validation.

Technical Specifications Interface Type: OC-3/OC-12c Packet over SONET/SDH (POS) Data Rates: OC-3 and OC-12c Port Configuration: 2 ports Technology Support: ATM and POS (Packet Over SONET/SDH) Module Type: Load Module Storage Temperature: 5°C to 50°C (41°F to 122°F) Operating Humidity: 0% to 85% non-condensing Key Features High-density traffic generation for performance evaluation Dual-port architecture for concurrent testing scenarios Native support for both ATM and POS protocols Integration with established Ixia chassis ecosystem Advanced packet analysis and traffic characterization Typical Applications SONET/SDH network performance validation Carrier backbone testing and capacity planning POS interface stress testing and protocol compliance High-volume traffic generation for edge router evaluation Network infrastructure performance benchmarking Compatibility & Integration The LM622MR mounts directly into Ixia chassis platforms and operates with Ixserver and Ixplorer server software. Ixia client applications are available separately and require a valid logon account for download. Server software is bundled with the module.

LM622MR Characteristics / Specifications

PARAMETER	VALUE
Model	LM622MR
Instrument Type	ATM POS load module
Port Count	2
Supported Rates	155 Mbps and 622 Mbps
Protocols	ATM and Packet over SONET
Layer Support	full L2 to L7
Memory Variant	LM622MR-512 with 512 MB port CPU memory
Phy Adapter Example	OC3OC12PHY dual SC 1310 nm multi 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
Use Case	OC12 ATM POS performance test
Series Family	Ixia LM622 SONET modules
Manufacturer	Ixia
Slot Power	chassis supplied
Optical Wavelength Adapter Example	1310 nm
Connector Adapter Example	dual SC
Hot Swap Class	chassis dependent
Capture Buffer Class	per port Ixia architecture
Traffic Generation	hardware accelerated streams
Humidity	Operating: 0 to 85 percent non condensing

LM622MR Specifications

PARAMETER	VALUE
Ixia LM622MR Dual Port OC3/OC12 ATM POS Load Module	Overview
Key Features	Dual OC3/OC12 ATM and POS ports
Full L2 to L7 traffic features	Optional 512 MB CPU memory variant
Technical Specifications	Model: LM622MR
Notes	Rates, port count, L2-L7, and 512 MB variant from Ixia LM622MR catalog entries; environmental rows from shared XM module tables.

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
Use Case	OC12 ATM POS performance test
Series Family	Ixia LM622 SONET modules
Manufacturer	Ixia
Slot Power	chassis supplied
Optical Wavelength Adapter Example	1310 nm
Connector Adapter Example	dual SC
Hot Swap Class	chassis dependent
Capture Buffer Class	per port Ixia architecture
Traffic Generation	hardware accelerated streams Notes Rates, port count, L2-L7, and 512 MB variant from Ixia LM622MR catalog entries; environmental rows from shared XM 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	
Specifications	
PARAMETER	VALUE
Model	LM622MR
Instrument Type	ATM POS load module
Port Count	2
Supported Rates	155 Mbps and 622 Mbps
Protocols	ATM and Packet over SONET
Layer Support	full L2 to L7
Memory Variant	LM622MR-512 with 512 MB port CPU memory
Phy Adapter Example	OC30C12PHY dual SC 1310 nm multi 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
Use Case	OC12 ATM POS performance test
Series Family	Ixia LM622 SONET modules
Manufacturer	Ixia
Slot Power	chassis supplied
Optical Wavelength Adapter Example	1310 nm
Connector Adapter Example	dual SC
Hot Swap Class	chassis dependent
Capture Buffer Class	per port Ixia architecture
Traffic Generation	hardware accelerated streams
Notes	
Rates, port count, L2-L7, and 512 MB variant from Ixia LM622MR catalog entries; environmental rows from shared XM module tables.	

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.