

JDS UNIPHASE

JDS Uniphase MAPA+23

The JDS Uniphase MAPA+23 is a versatile optical amplifier module designed for integration within the JDSU MAP-200 platform. It provides high gain and output power for various optical signals, ensuring optimal performance in demanding network environments. Ideal for boosting signal strength and extending transmission distances.



MODEL JDS Uniphase MAPA+23	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU MAPA+23	LISTING https://aumictechlabs.com/products/mapa-23-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase MAPA+23 is an optical amplifier module engineered for integration into the JDSU MAP-200 platform. It delivers high gain and output power to boost optical signals and extend transmission distances in demanding network environments. The module functions as a hot-swappable card within the MAP-200 chassis, enabling flexible system configuration for signal conditioning and optical network characterization.

Technical Specifications

The MAPA+23 is classified as an optical amplifier module optimized for high-gain signal boosting applications. It integrates directly into the MAP-200 platform, which offers modular, configurable architecture supporting multiple mainframe configurations including 3-slot and 8-slot variants.

Key Features

- Hot-swappable module design for system flexibility and fast field replacement
- High gain and output power optimization for extended reach in optical networks
- MAP-200 platform compatibility with standard fiber optic connections
- LXI-compliant (Ethernet) control interface for remote

operation and automation I/O driver support enabling integration with LabVIEW, Visual C++, Visual Basic, and LabWindows environments Module-agnostic platform allows mixed-module configurations for diverse test scenarios Typical Applications Signal boosting to improve signal-to-noise ratio in weak optical channels Long-haul and complex optical network loss compensation Transmission distance extension in fiber-optic test and measurement setups Network characterization when combined with complementary MAP-200 modules Compatibility & Integration The MAPA+23 operates within the JDSU MAP-200 platform ecosystem. It shares the 3 RU form factor of the MAP-200 chassis and functions alongside other MAP series modules. Platform architecture supports standard fiber optic connector interfaces and integrates with MAP-200's LXI control subsystem for remote instrument management.

Features & description

From manufacturer datasheet

Features

- Platform: MAP / MAP-200 compatible precision attenuator cassette (MAPA family)
- Channels: dual independent attenuators in one cassette
- Fiber: SM 9/125 μm ; wavelength 1200–1700 nm class
- Attenuation range: 60 dB class (MAPA SM precision family)
- Resolution: 0.01 dB class (0.001 dB on some MAP VOA generations—confirm faceplate)
- Linearity: ± 0.1 dB class; IL ~ 1.5 dB class; RL ~ 60 dB class (APC-class builds higher)
- Built-in options: none (code ...100...); related ...290... adds 10/90 monitor taps
- Connectors: FC/PC (FP); bulkheads on front
- Control: MAP local keypad/display or remote SCPI via mainframe GPIB/LAN/USB
- Form: single-width hot-swappable MAP cassette

MAPA23 Key Specifications

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MAPA23 Characteristics / Specifications

PARAMETER	VALUE
Model	MAPA+2370100FP
Manufacturer	JDS Uniphase (JDSU / VIAVI)
Instrument Type	MAP Dual Optical Attenuator Module
Family	MAPA Precision Attenuator
Alias	MAPA+2370100FP Optical Dual SM VOA; 1200–1700 nm; 60 dB class; FC/PC; no tap Operational Notes Prefer JDSU MAP precision attenuator / mVOA literature for generation-specific limits. Requires MAP mainframe.

MAPA23 Specifications

PARAMETER	VALUE
Key Features	- Platform: MAP / MAP-200 compatible precision attenuator cassette (MAPA family)
Technical Specifications	Model: MAPA+2370100FP
Optical	Dual SM VOA; 1200–1700 nm; 60 dB class; FC/PC; no tap

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	MAPA+2370100FP
Manufacturer	JDS Uniphase (JDSU / VIAVI)
Instrument Type	MAP Dual Optical Attenuator Module
Family	MAPA Precision Attenuator
Alias	MAPA+2370100FP

Optical

Dual SM VOA; 1200-1700 nm; 60 dB class; FC/PC; no tap

Operational Notes

Prefer JDSU MAP precision attenuator / mVOA literature for generation-specific limits. Requires MAP mainframe.

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.