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Data Sheet

August 8, 2026

JDS UNIPHASE

JDS Uniphase MAPA+2370100FP Optical Attenuator Module

The JDS Uniphase MAPA+2370100FP is a variable optical attenuator module engineered for precise control of optical signal power in fiber optic systems. This single-mode plug-in cassette integrates into the JDS Uniphase Multiple Application Platform (MAP) chassis, delivering low insertion loss across a broad wavelength spectrum. The module combines compact form factor with accurate attenuation control, making it suitable for optical communication systems, laboratory testing, and research environments requiring signal integrity and reliable power management. Compatibility & Integration The MAPA+2370100FP operates within the JDS Uniphase MAP chassis platform. The MAP system accommodates up to eight hot-swappable instrument cassettes, enabling flexible multi-function test configurations. Integration with the MAP platform provides a modular instrumentation solution supporting over 15 differen



MODEL

**JDS Uniphase
MAPA+2370100FP**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAPA+2370100FP

LISTING

<https://aumictechlabs.com/products/mapa-2370100fp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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integrates into the JDS Uniphase Multiple Application Platform (MAP) chassis, delivering low insertion loss across a broad wavelength spectrum. The module combines compact form factor with accurate attenuation control, making it suitable for optical communication systems, laboratory testing, and research environments requiring signal integrity and reliable power management.

Technical Specifications
Part Number: MAPA+2370100FP
Module Type: Optical Attenuator, Variable
Series: MAP (Multiple Application Platform)
Configuration: IA3
Fiber Type: Single Mode (SMF)
Wavelength Range: 1200 to 1700 nm
Insertion Loss: Low
Connector Type: FC/APC (standard configuration)
Form Factor: Hot-swappable plug-in module

Key Features
Wavelength coverage from 1200 to 1700 nm supports C-band, L-band, and extended wavelength applications. Low insertion loss preserves optical signal fidelity across the attenuation range. Single-mode fiber compatibility ensures compatibility with standard telecom and datacom systems. Compact modular design enables rapid field reconfiguration without system downtime. US manufacturing.

Typical Applications
Optical signal level control in communication system testing. Laboratory characterization of fiber optic components and subsystems. Power management in research environments requiring dynamic attenuation. System validation and acceptance testing.

Compatibility & Integration
The MAPA+2370100FP operates within the JDS Uniphase MAP chassis platform. The MAP system accommodates up to eight hot-swappable instrument cassettes, enabling flexible multi-function test configurations. Integration with the MAP platform provides a modular instrumentation solution supporting over 15 different cassette options across test and measurement applications.

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

MAPA2370100FP 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.
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)
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Built-in options	none (code ...100...); related ...290... adds 10/90 monitor taps
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Control	MAP local keypad/display or remote SCPI via mainframe GPIB/LAN/USB
Form	single-width hot-swappable MAP cassette
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

MAPA2370100FP 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.