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Data Sheet

August 8, 2026

JDS UNIPHASE

JDS Uniphase MAPA+2370100FP IA3 Optical Attenuator Module for MAP Series

The JDS Uniphase MAPA+2370100FP IA3 is an optical attenuator module designed for use with the MAP series of equipment. It provides precise control of optical signal power, enabling accurate testing and characterization of optical components and systems. This module is essential for applications requiring adjustable optical signal levels.

**MODEL****JDS Uniphase
MAPA+2370100FP
IA3****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MAPA+2370100FP
IA3****LISTING**<https://aumictechlabs.com/products/mapa-2370100fp-ia3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDS Uniphase MAPA+2370100FP IA3 is a single-mode optical attenuator module engineered for the MAP Series test platform. This IA3-configuration unit delivers precise, adjustable attenuation of optical signals across the 1200 to 1700 nm band, enabling controlled power reduction for component characterization, performance verification, and network simulation. The module integrates directly into MAP chassis architectures via bulkhead FC/APC connectors. Technical Specifications Wavelength Range: 1200 to 1700 nm Fiber Type: Single-mode, 9/125 μ m Attenuation Range: 60 dB Attenuation Resolution: 0.01 dB Insertion Loss: 1.5 dB Return Loss: 60 dB Linearity: ± 0.1 dB Connector Type: FC/APC bulkheads Module Configuration:

IA3 (Single Attenuator) Key Features Fine-grain control with 0.01 dB resolution across a 60 dB dynamic range Low insertion loss at 1.5 dB minimizes signal degradation High return loss specification (60 dB) ensures signal integrity and reduces reflections Tight linearity tolerance of ± 0.1 dB for repeatable measurements Broad wavelength coverage from 1200 to 1700 nm supports C-band, L-band, and extended spectrum testing FC/APC bulkhead connectors provide secure, low-loss optical coupling Typical Applications Optical component and system characterization Power-dependent device performance testing across wide dynamic ranges Sensitive measurement enablement in optical networks Network simulation and behavior verification under variable signal conditions Multi-wavelength system validation in test environments Compatibility & Integration The MAPA+2370100FP IA3 integrates into JDS Uniphase MAP Series platforms including the MAP Master Chassis (MAP+2M00) and MAP Benchtop Chassis (MAP+2B00). The modular design and bulkhead configuration support flexible test configuration within larger optical measurement systems.

Features & description

From manufacturer datasheet

Features

- Base P/N: MAPA+2370100FP; marking: IA3
- Dual independent SM attenuators
- Wavelength: 1200–1700 nm class; fiber 9/125 μm
- Attenuation: 60 dB class; resolution 0.01 dB class
- Linearity ± 0.1 dB; IL ~ 1.5 dB; RL ~ 60 dB class
- Built-in options: none (100 coding)
- Connectors: FC/PC (FP); front bulkheads
- Hot-swappable MAP cassette; SCPI via mainframe

MAPA2370100FP IA3 Characteristics / Specifications

PARAMETER	VALUE
Model	MAPA+2370100FP IA3
Manufacturer	JDS Uniphase (JDSU / VIAVI)
Instrument Type	MAP Dual Optical Attenuator Module
Family	MAPA Precision Attenuator
Alias	MAPA+2370100FP IA3; MAPA+2370100FP-IA3 Optical Dual SM VOA; 1200–1700 nm; 60 dB class; FC/PC; IA3 rev Operational Notes Treat IA3 as assembly revision of MAPA+2370100FP unless label indicates otherwise. Requires MAP mainframe.
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Wavelength	1200–1700 nm class; fiber 9/125 μm
Attenuation	60 dB class; resolution 0.01 dB class
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MAPA2370100FPIA3 Specifications

PARAMETER	VALUE
Key Features	- Base P/N: MAPA+2370100FP; marking: IA3
Technical Specifications	Model: MAPA+2370100FP IA3
Optical	Dual SM VOA; 1200–1700 nm; 60 dB class; FC/PC; IA3 rev
Operational Notes	Treat IA3 as assembly revision of MAPA+2370100FP unless label indicates otherwise. Requires MAP mainframe.

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

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Optical

Dual SM VOA; 1200-1700 nm; 60 dB class; FC/PC; IA3 rev

Operational Notes

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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.