

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase MAPS+1W731A1FP

The JDS Uniphase MAPS+1W731A1FP is a hot-swappable instrument cassette designed for integration within the Multiple Application Platform (MAP) series. The MAP platform delivers modular, field-configurable optical test and measurement capability through a dynamic architecture that automatically identifies and supports installed cassettes. Engineers can assemble custom instrument configurations by selecting from a library of optical modules, eliminating the need for multiple dedicated benchtop units. Two chassis formats: 19-inch 8-slot Master (MAP+2M00) and 9.5-inch 3-slot Benchtop (MAP+2B00) Environmental & Operating Parameters Hot-swappable instrument cassettes enable field reconfiguration without chassis replacement Aumictech offers NIST-traceable calibration and repair for the JDS Uniphase MAPS+1W731A1FP. All calibrations are performed to NIST-traceable standards and ship with a cer



MODEL

**JDS Uniphase
MAPS+1W731A1FP**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAPS+1W731A1FP

LISTING

<https://aumictechlabs.com/products/maps-1w731a1fp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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assemble custom instrument configurations by selecting from a library of optical modules, eliminating the need for multiple dedicated benchtop units.

Technical Specifications

Platform Architecture Modular, hot-swappable cassette system with dynamic firmware identification

Two chassis formats: 19-inch 8-slot Master (MAP+2M00) and 9.5-inch 3-slot Benchtop (MAP+2B00)

Environmental & Operating Parameters Operating Temperature: 0 to 50 °C Storage Temperature: -30 to 60 °C Humidity: Less than 80% RH, non-condensing (0 to 40 °C)

Interfaces & Display RS-232, GPIB, USB Keyboard support (configuration-dependent) Color LCD display (VGA resolution)

Standard AC power input

****Physical Specifications MAP+2M00 Master**** Dimensions: 44.91 × 13.24 × 52.37 cm (3U, 19-inch width) Weight: 14.3 kg

****Physical Specifications MAP+2B00 Benchtop**** Dimensions: 22.5 × 14.8 × 43.0 cm (3U, 1/2 19-inch width) Weight: 8.6 kg

Key Features Hot-swappable instrument cassettes enable field reconfiguration without chassis replacement Automatic cassette detection and firmware adaptation Supports optical switches (1×2, 2×2, 1×4, 2×1×12 configurations) Compatible with tunable laser sources (C-band and C+L-band) Integrates EDFAs with output power to 21 dBm and low noise figure Modulation modules rated to 1 GHz bandwidth Attenuators and ASE sources with wide wavelength coverage

Typical Applications DWDM channel characterization and testing Optical amplifier performance validation Bit error rate (BER) measurements CATV receiver testing Developmental optical subsystem evaluation

Compatibility & Integration The cassette integrates within the MAP platform family alongside optical switches, tunable laser sources, amplifiers, attenuators, light sources, and modulation modules. All compatible modules share the same mechanical and electrical interface, permitting rapid system reconfiguration to match evolving test requirements.

MAPS1W731A1FP Characteristics / Specifications

PARAMETER	VALUE
Model	MAPS+1W731A1FP
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPS+1W731A1FP
Sku	MAPS+1W731A1FP
Product Class	JDSU MAP optical cassette or accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	MAPS+1W731A1FP
Manufacturer Line	JDS Uniphase
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	MAPS+1W731A1FP
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPS+1W731A1FP
Sku	MAPS+1W731A1FP
Product Class	JDSU MAP optical cassette or accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	MAPS+1W731A1FP
Manufacturer Line	JDS Uniphase
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.