

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase MAPS+1K70108N1FP

The JDS Uniphase MAPS+1K70108N1FP is a hot-swappable power meter module for the MAP series optical test platform. It has dual GaAs photodetector inputs and dual analog voltage outputs that track input optical power in real time. Insert or remove the module without powering down the mainframe - the system automatically identifies the cassette and configures itself through Dynamic MAP firmware. Output Configuration: 2 × Analog voltage outputs (linearly proportional to input optical power) System Control: RS-232 and GPIB interfaces available on compatible mainframes for remote operation Aumictech offers NIST-traceable calibration and repair for the JDS Uniphase MAPS+1K70108N1FP. Calibration covers detector responsivity at 850, 1310, 1490, 1550, and 1625 nm, absolute power accuracy, linearity across the full dynamic range, and reference power level. All calibrations ship with a NIST-trace



MODEL

**JDS Uniphase
MAPS+1K70108N1FP**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAPS+1K70108N1FP

LISTING

<https://aumictechlabs.com/products/maps-1k70108n1fp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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Dynamic MAP firmware. Technical Specifications Module Type: Power Meter Input Configuration: 2 × GaAs optical inputs Output Configuration: 2 × Analog voltage outputs (linearly proportional to input optical power) Form Factor: Single-width MAP cassette Hot-Swappable: Yes - module insertion and removal without system shutdown Power Delivery: Supplied via proprietary MAP backplane Key Features Dual simultaneous optical power measurements at separate points Continuous analog voltage representation of measured power levels Dynamic cassette detection - no manual configuration required Proprietary MAP backplane interface for power and control signals Compatible with MAP Master and Benchtop mainframes Typical Applications The dual-input design supports optical signal characterization in research, development, and manufacturing workflows. Common uses include power monitoring at multiple test points, parallel measurement paths, and real-time power trending in telecommunications and photonics development environments. Compatibility & Integration Mainframe Support: JDS Uniphase MAP+2M00 Master, MAP+2B00 Benchtop System Control: RS-232 and GPIB interfaces available on compatible mainframes for remote operation Software: MAP Console with Dynamic MAP firmware for cassette auto-identification Backplane Interface: Standardized MAP cassette slot architecture

MAPS1K70108N1FP Characteristics / Specifications

PARAMETER	VALUE
Model	MAPS+1K70108N1FP
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPS+1K70108N1FP
Sku	MAPS+1K70108N1FP
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+1K70108N1FP
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+1K70108N1FP
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPS+1K70108N1FP
Sku	MAPS+1K70108N1FP
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+1K70108N1FP
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.