

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

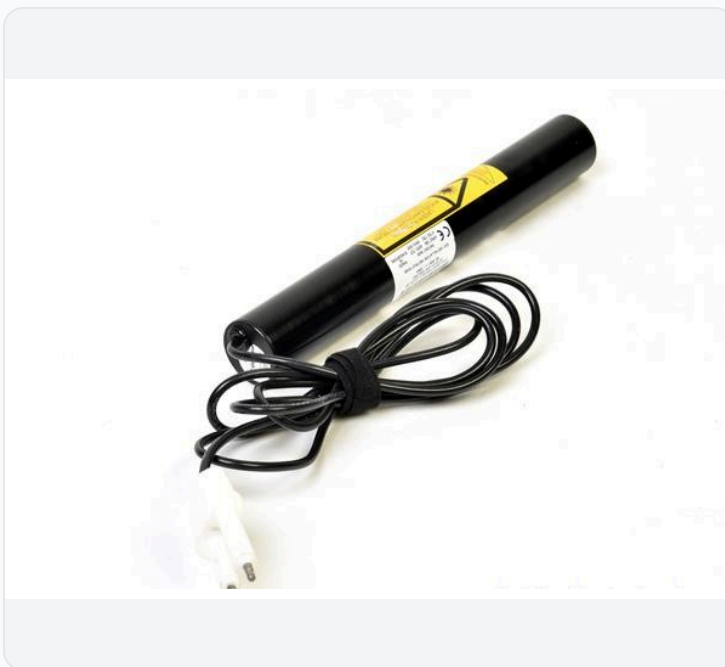
Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase MAPR+101FP

The JDS Uniphase MAPR+101FP is a reliable optical test platform designed for precision measurements and analysis in optical communication systems. This unit offers versatile testing capabilities, ensuring optimal performance and troubleshooting of optical networks and components.



MODEL	CALIBRATION
JDS Uniphase MAPR+101FP	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
MAPR+101FP	https://aumictechlabs.com/products/mapr-101fp-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase MAPR+101FP is a hot-swappable instrument cassette designed for the MAP (Multiple Application Platform) series - a modular optical test and measurement chassis. This cassette integrates into an 8-slot, 19-inch rackmountable platform supporting over 15 different instrument types, configure custom optical testing solutions. The platform automatically identifies installed cassettes and delivers dynamic measurement and analysis capabilities across optical communications, research, development, and manufacturing applications. Technical Specifications Platform Chassis (MAPR+101FP compatible): 19-inch rackmountable configuration 8-slot capacity for hot-swappable cassettes Supports over 15 instrument cassette types Color display with dynamic MAP firmware Automatic cassette identification Reversible front/rear access design Power Supply: 100–125 V AC (50/60 Hz) or 200–240 V AC (50/60 Hz) Power Consumption: 200 VA Includes ActiveX console, drivers, and simulation mode Potential Integrated Cassette

Capabilities: Tunable Grating Filter: 1420–1630 nm continuous tuning; 300 mW standard input, 1000 mW high-power option. Amplified Spontaneous Emission (ASE) Source: Flattened high power density across C-band or C+L-band with high spectral stability. Stabilized Laser Source: Wavelength-specific output with internal/external modulation and variable power control. Erbium-Doped Fiber Amplifier (EDFA): Saturated output 14–21 dBm; noise figure to 3.3 dB; gain flatness ≤ 1.4 dB; C-band or L-band operation; multiple configurations (pre-amplifier, booster, in-line, DWDM). Broadband Source (BBS): 1525–1610 nm; optimized for spectral power density and stability; erbium-doped ASE or semiconductor options. Key Features Modular, expandable architecture with hot-swappable cassettes Automatic instrument detection and configuration Multiple optical measurement and source cassette types Dual voltage supply compatibility (100–240 V AC) Low power consumption (200 VA) Typical Applications Optical network component characterization EDFA performance validation Broadband source and filter testing Wavelength-dependent optical system analysis Research and manufacturing test environments Compatibility & Integration The MAPR+101FP operates within the MAP platform ecosystem. Console integration via ActiveX drivers enables automated cassette control and data acquisition. Simulation mode supports offline configuration and validation.

MAPR101FP Characteristics / Specifications

PARAMETER	VALUE
Model	MAPR+101FP
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPR+101FP
Sku	MAPR+101FP
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	MAPR+101FP
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

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Model	MAPR+101FP
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Document Class	accessory or spare identity sheet
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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	MAPR+101FP
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.