

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase MAPS+1K-Z081

The JDS Uniphase MAPS+1K-Z081 is a line-powered Optical Spectrum Analyzer module engineered for integration into the JDSU Multiple Application Platform System (MAPS). It delivers high-resolution spectral analysis capability for telecommunications test and measurement environments. As a hot-swappable cassette, the module installs directly into the MAPS backplane without system shutdown or power interruption. Field Replacement: Module removal and installation performed without powering down the system. Aumictech offers NIST-traceable calibration and repair for the JDS Uniphase MAPS+1K-Z081. Calibration covers wavelength accuracy at 850, 1310, 1550, and 1625 nm, power level accuracy, resolution bandwidth (RBW) accuracy, and dynamic range verification. All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Common JDS Uniphase MAPS+

**MODEL****JDS Uniphase
MAPS+1K-Z081****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MAPS+1K-Z081****LISTING**<https://aumictechlabs.com/products/maps-1k-z081-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDS Uniphase MAPS+1K-Z081 is a line-powered Optical Spectrum Analyzer module engineered for integration into the JDSU Multiple Application Platform System (MAPS). It delivers high-resolution spectral analysis capability for telecommunications test and measurement environments. As a hot-swappable cassette, the module installs directly into the MAPS backplane

without system shutdown or power interruption. Technical Specifications Operating Temperature: 0 to 50 °C Storage Temperature: -30 to 60 °C Humidity: < 80% RH, non-condensing, 0 to 40 °C Remote Interface: RS-232, GPIB Firmware: Dynamic MAP firmware with automatic cassette identification Key Features Hot-swappable design for rapid cassette exchange Line-powered operation Integrates with common MAPS backplane architecture across all chassis formats Dynamic firmware automatically detects installed instrumentation MAP Console software provides integrated system control and data management System Architecture The MAPS platform supports over 15 different types of hot-swappable instrumentation cassettes, enabling flexible configuration for diverse test scenarios. Two chassis options accommodate different laboratory and field deployment requirements: the 19-inch 8-slot Master chassis (MAP+2M00) for rack-mount applications and the 9.5-inch 3-slot Benchtop chassis (MAP+2B00) for compact workspaces. Compatibility & Integration Platform: JDSU Multiple Application Platform System (MAPS) Module Type: Line-powered Optical Spectrum Analyzer cassette Backplane: Common hot-swappable architecture across all MAP chassis Chassis Options: MAP+2M00 (19-inch, 8-slot); MAP+2B00 (9.5-inch, 3-slot) Control Interface: MAP Console software with RS-232 and GPIB remote connectivity Field Replacement: Module removal and installation performed without powering down the system

MAPS1KZ081 Characteristics / Specifications

PARAMETER	VALUE
Model	MAPS+1K-Z081
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPS+1K-Z081
Sku	MAPS+1K-Z081
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+1K-Z081
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+1K-Z081
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPS+1K-Z081
Sku	MAPS+1K-Z081
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+1K-Z081
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.