

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase MAPB+1E-Z003

The JDS Uniphase MAPB+1E-Z003 is a broadband optical source module engineered for C-band testing and measurement applications in optical communication systems. This cassette-based instrument delivers configurable output power across the 1527 to 1568 nm wavelength range with exceptional stability and isolation characteristics. Available in 20 mW, 50 mW, and 100 mW configurations, the module integrates into the MAP platform's hot-swappable architecture for flexible instrumentation deployment. Output Power Options: 20 mW, 50 mW, or 100 mW at 1550 nm (23 °C, post one-hour warm-up) Hot-swappable cassette design - no system power-down required for installation or removal Aumictech offers NIST-traceable calibration and repair for the JDS Uniphase MAPB+1E-Z003. Calibration covers output power at specified wavelengths, wavelength accuracy, 15-minute output stability, and modulation frequency a



MODEL

**JDS Uniphase
MAPB+1E-Z003**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAPB+1E-Z003

LISTING

<https://aumictechlabs.com/products/mapb-1e-z003-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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configurations, the module integrates into the MAP platform's hot-swappable architecture for flexible instrumentation deployment. Technical Specifications Wavelength Range: 1527 to 1568 nm (C-band) Output Power Options: 20 mW, 50 mW, or 100 mW at 1550 nm (23 °C, post one-hour warm-up) Spectral Gain Flatness: 1.6 dB maximum (1529 to 1565 nm) Output Power Stability: 0.02 dB Output Isolation: 45 dB minimum Operating Temperature: 0 to 50 °C Storage Temperature: -30 to 60 °C Humidity: Maximum 95% RH non-condensing (0 to 45 °C) Physical Dimensions: 4.06 cm W × 13.24 cm H × 39.5 cm D Weight: 2.3 kg Key Features Configurable output power in three standard levels Flat spectral response across C-band operational window Dual remote control interfaces: RS-232 and GPIB Hot-swappable cassette design - no system power-down required for installation or removal Automatic cassette identification via dynamic MAP firmware Local control via 9-key keypad and color display on mainframe Typical Applications Component and system characterization within optical networks. Suitable for broadband light source requirements in optical test environments. Compatibility & Integration Designed for the JDS Uniphase MAP series mainframes: 19-inch 8-slot Master (MAP+2M00) or 9.5-inch 3-slot Benchtop (MAP+2B00). Integrates with over 15 instrumentation cassette types within the MAP ecosystem.

MAPB1EZ003 Characteristics / Specifications

PARAMETER	VALUE
Model	MAPB+1E-Z003
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPB+1E-Z003
Sku	MAPB+1E-Z003
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	MAPB+1E-Z003
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	MAPB+1E-Z003
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPB+1E-Z003
Sku	MAPB+1E-Z003
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	MAPB+1E-Z003
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.