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Data Sheet

August 8, 2026

JDSU

JDSU MAP+2B00 / MAPA+23 / SOURCE LED

The JDSU MAP+2B00 / MAPA+23 is a LED light source module designed for the JDSU MAP-200 platform. It provides stable and reliable light output for various optical testing applications. Features include variable output power and selectable wavelengths.



MODEL

**JDSU
MAP+2B00/MAPA+23**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAP+2B00/MAPA+23

LISTING

<https://aumictechlabs.com/products/map-2b00-mapa-23-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDSU MAP+2B00 / MAPA+23 / SOURCE LED is a hot-swappable LED light source module engineered for the MAP-200 platform. It delivers stable, reliable optical output across ultraviolet, visible, and infrared wavelengths, serving component spectral characterization, system compliance verification, and sensor and imaging applications in laboratory and manufacturing environments. Technical Specifications Optical Performance Wavelengths: 850 nm, 1310 nm, 1550 nm (multimode); 1310 nm, 1550 nm (single-mode) Peak wavelength tolerance: ± 20 nm 3 dB bandwidth: >40 nm (single-mode) Spectral ripple (RB = 0.1 nm): 0.35 dB (SM 1310 nm and 1550 nm), 1.8 dB (SM 1310 nm) Total output power: 0 dBm (single-mode); -3 dBm (multimode) Modulation: 0.2 to 20 kHz Output stability (15 minutes): ± 0.01 dB Warm-up time: 30 minutes to specification Operating temperature: 10 to 40°C Storage temperature: -30 to 60°C Connectors & Interfaces Connector types: FC/PC, FC/APC Remote control: GPIB, USB, Ethernet

10/100/1000Base-T IVI-compliant drivers for LabVIEW, LabWindows, Visual C++, Visual Basic
Key Features Hot-swappable cassette design for rapid field reconfiguration Dual mainframe compatibility: MAP+2B00 benchtop (3 slots) and MAP+2M00 master (8 slots) LXI Class C compliant network connectivity Class 3B laser output per IEC 60825-1 (2002) CE, CSA/UL/IEC61010-1 certified; compliant with 21 CFR 1040.1 and UL3101-1
Typical Applications Fiber optic component spectral testing Systems compliance measurements Sensor and imaging system validation Manufacturing and laboratory optical test environments
Compatibility & Integration Integrates within the MAP-200 modular ecosystem, compatible with over 15 instrumentation cassette types. Operates with both benchtop and master mainframe configurations. Dimensions: 4.06 × 13.26 × 37.03 cm; weight: 0.5 kg.

MAP2B00MAPA23 Characteristics / Specifications

PARAMETER	VALUE
Model	MAP+2B00 + MAPA+23 + LED Source
Manufacturer	JDSU / VIAVI Solutions
Instrument Type	MAP Benchtop System (Mainframe + Attenuator + LED Source)
Alias	MAP+2B00; MAPA+23; MAP LED Source System 3-slot MAP bench; attenuator cassette; LED source cassette Operational Notes Confirm exact MAPA+23 option code and LED cassette P/N on installed modules. Prefer JDSU MAP catalog / mLED-A1 datasheet.
Form	9.5-inch 3-slot benchtop MAP mainframe (vs 8-slot MAP+2M00 master)
Local UI	9-key keypad and color display
Remote	communication ports for automated control
MAP LED Source (mLED-A1 class)	high-power LED-based stimulus with variable output

MAP2B00MAPA23 Specifications

PARAMETER	VALUE
Key Features (SOURCE LED)	- MAP LED Source (mLED-A1 class): high-power LED-based stimulus with variable output
Technical Specifications	Model: MAP+2B00 + MAPA+23 + LED Source
System	3-slot MAP bench; attenuator cassette; LED source cassette
Operational Notes	Confirm exact MAPA+23 option code and LED cassette P/N on installed modules. Prefer JDSU MAP catalog / mLED-A1 datasheet.

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.

Specifications

Specifications

PARAMETER	VALUE
Model	MAP+2B00 + MAPA+23 + LED Source
Manufacturer	JDSU / VIAVI Solutions
Instrument Type	MAP Benchtop System (Mainframe + Attenuator + LED Source)
Alias	MAP+2B00; MAPA+23; MAP LED Source

System

3-slot MAP bench; attenuator cassette; LED source cassette

Operational Notes

Confirm exact MAPA+23 option code and LED cassette P/N on installed modules. Prefer JDSU MAP catalog / mLED-A1 datasheet.

Laser Safety

Laser safety Class 3B in MAP chassis (IEC 60825-1 class marking) Technical Specifications Model: MAP+2B00 + MAPA+23 + LED Source Manufacturer: JDSU / VIAVI Solutions Instrument Type: MAP Benchtop System (Mainframe + Attenuator + LED Source) Alias: MAP+2B00; MAPA+23; MAP LED Source System 3-slot MAP bench; attenuator cassette; LED source cassette Operational Notes Confirm exact MAPA+23 option code and LED c

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.