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Data Sheet

August 14, 2026

JDS UNIPHASE

JDS Uniphase MAP-200A02R

The JDS Uniphase MAP-200A02R is a controller module for the MAP-200 modular optical test and measurement platform. It is the central control unit, enabling operation and integration of hot-swappable instrumentation cassettes within MAP-200 mainframes. The module runs Linux-based firmware that automatically identifies installed modules and communicates via USB, GPIB, and Ethernet (10/100/1000Base-T) interfaces. Platform Compatibility: MAP-200 series; compatible with MAP-230B (3-slot) and MAP-280/MAP-280R (8-slot) mainframes Driver Support: IVI drivers, ActiveX, DLL, and LabVIEW drivers; integrates with LabVIEW, Visual C++, Visual Basic, and LabWindows ADEs Hot-swappable design permits module insertion and removal without system power-down



MODEL

**JDS Uniphase
MAP-200A02R**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAP-200A02R

LISTING

<https://aumictechlabs.com/products/map-200a02r-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase MAP-200A02R is a controller module for the MAP-200 modular optical test and measurement platform. It is the central control unit, enabling operation and integration of hot-swappable instrumentation cassettes within MAP-200 mainframes. The module runs Linux-based firmware that automatically identifies installed modules and communicates via USB, GPIB, and Ethernet (10/100/1000Base-T) interfaces. Technical Specifications Module Type: Controller module, hot-swappable cassette format Platform Compatibility: MAP-200 series; compatible with

MAP-230B (3-slot) and MAP-280/MAP-280R (8-slot) mainframes Operating System: Linux
Storage: 200 MB internal user flash storage Communication Interfaces: USB, GPIB, and Ethernet (10/100/1000Base-T) Firmware: Dynamic MAP firmware with automatic cassette identification
Driver Support: IVI drivers, ActiveX, DLL, and LabVIEW drivers; integrates with LabVIEW, Visual C++, Visual Basic, and LabWindows ADEs Key Features Hot-swappable design permits module insertion and removal without system power-down Centralized control architecture manages multiple specialized measurement modules Automatic cassette detection eliminates manual configuration Multi-protocol communication enables both local and remote operation Native LabVIEW and Visual C++ driver support accelerates integration Typical Applications Optical component characterization and testing Optical transmission network development and validation Manufacturing test automation for optical systems Multi-module optical measurement campaigns requiring modular reconfiguration Compatibility & Integration The MAP-200A02R integrates with the full portfolio of MAP-200 hot-swappable modules. The MAP-200 platform meets LXI Class C standards and complies with CE, UL61010A-1, and CAN/CSA-C22.2 No.1010.1 requirements. Module-specific laser safety follows IEC 60825-1(2002) and 21 CFR 1040.1 where applicable.

MAP200A02R Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	JDSU MAP-200A02R
Host Mainframe	MAP-280R 8-slot rear-facing
Controller CPU	Power PC architecture
Operating System	Linux
Internal Storage	200 MB user flash storage
Remote Interfaces	USB GPIB Ethernet 10/100/1000Base-T
USB Host Ports On Mainframe	2 rear and 2 front
LAN Ports	1 rear
GPIB Ports	1 rear
DVI Video	1 rear
LXI Triggers	25-pin Micro-D connectors
Driver Type	IVI compliant
System Power Consumption	285 VA
AC Mains	100 to 240 V AC 50/60 Hz auto-switching
Mainframe Capacity MAP280R	8 modules
Mainframe Dimensions MAP280R	49.6 × 14.9 × 42.0 cm
Mainframe Weight MAP280R	6.8 kg
Operating Temperature	0 to 50 C
Storage Temperature	minus 30 to 60 C
Humidity	15 to 80 percent RH 0 to 40 C non-condensing
Altitude Certified	2000 m
Rack Height Class	3 RU
Related Front Facing Controller	MAP-200A02
Series Family	JDSU MAP-200

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 30 to 60 C
Operating temperature	0 to 50 C
Operating Temperature	0 to 50 C
Humidity	15 to 80 percent RH 0 to 40 C non-condensing
Altitude Certified	2000 m
Rack Height Class	3 RU
Related Front Facing Controller	MAP-200A02
Series Family	JDSU MAP-200 Notes From JDSU Multiple Application Platform MAP-200 datasheet ordering table listing MAP-200A02R as controller for MAP-280R. Mechanical/electrical rows are mainframe system specifications that this controller enables; confirm MAP-280R versus MAP-280 host.

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
Instrument Family	JDSU MAP-200A02R
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Altitude Certified	2000 m
Rack Height Class	3 RU
Related Front Facing Controller	MAP-200A02
Series Family	JDSU MAP-200
Notes	
From JDSU Multiple Application Platform MAP-200 datasheet ordering table listing MAP-200A02R as controller	

for MAP-280R. Mechanical/electrical rows are mainframe system specifications that this controller enables;
confirm MAP-280R versus MAP-280 host.

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.