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Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase MAPB+1E1550FA1

The JDS Uniphase MAPB+1E1550FA1 is an optical amplifier cassette module engineered for the JDS Uniphase MAP system platform. Operating at 1550 nm, this EDFA-based module delivers optical gain essential for signal boosting in DWDM systems and extending optical network reach. The module installs as a hot-swappable cassette within either MAP Master or MAP Benchtop chassis, enabling flexible test and measurement configurations without system downtime. Hot-swappable cassette architecture eliminates need for system shutdown during module changes Reversible front/rear optical access accommodates varied deployment configurations Available in multiple optical connector types (FC/PC, FC/APC, SC/PC, SC/APC) for system compatibility

**MODEL****JDS Uniphase
MAPB+1E1550FA1****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MAPB+1E1550FA1****LISTING**<https://aumictechlabs.com/products/mapb-1e1550fa1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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(EDFA configuration) Wavelength: 1550 nm Saturated Output Power: 14 dBm to 21 dBm typical Noise Figure: As low as 3.3 dB Gain Flatness: Better than 1.4 dB Band: C-band or L-band operation available Key Features Hot-swappable cassette architecture eliminates need for system shutdown during module changes Automatic cassette identification via MAP chassis firmware Reversible front/rear optical access accommodates varied deployment configurations Available in multiple optical connector types (FC/PC, FC/APC, SC/PC, SC/APC) for system compatibility Proprietary backplane interface integrates directly with MAP chassis control electronics Typical Applications DWDM system signal boosting and regeneration Optical network reach extension Laboratory and field testing of fiber-optic systems Signal power optimization in long-haul transmission links Compatibility & Integration The MAPB+1E1550FA1 integrates into JDS Uniphase MAP Master (19-inch rackmount, 8-slot capacity) and MAP Benchtop (9.5-inch format, 3-slot capacity) chassis. Both platforms feature color displays, dynamic MAP firmware, and remote communication via RS-232 and GPIB interfaces. Power and control functions are managed entirely by the parent MAP chassis.

MAPB1E1550FA1 Characteristics / Specifications

PARAMETER	VALUE
Model	MAPB+1E1550FA1
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPB+1E1550FA1
Sku	MAPB+1E1550FA1
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+1E1550FA1
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+1E1550FA1
Brand	JDS Uniphase
Catalog Title	JDS Uniphase MAPB+1E1550FA1
Sku	MAPB+1E1550FA1
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+1E1550FA1
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.