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**Data Sheet**

August 7, 2026

JDSU

## JDSU HA9w2 Optical Attenuator 700-1750nm multimode (62.5/125um) **\*\*CALIBRATED\*\***

JDSU HA9w2 Optical Attenuator 700-1750nm multimode (62.5/125um) **\*\*CALIBRATED\*\*** The JDSU HA9W2 is the 62.5/125  $\mu\text{m}$  multimode member of the HA9W wideband programmable attenuator family. OEM wavelength 750–1700 nm (catalog titles often list 700–1750 nm), 60 dB range, 0.01 dB resolution. Same HA control interfaces (GPIO/RS-232 SCPI) and beam-block architecture as HA9W1. 62.5/125  $\mu\text{m}$  multimode loss simulation; MM power-meter calibration; datacom/LAN fiber test. The JDSU HA9W2 is the 62.5/125  $\mu\text{m}$  multimode member of the HA9W wideband programmable attenuator family. OEM wavelength 750–1700 nm (catalog titles often list 700–1750 nm), 60 dB range, 0.01 dB resolution. Same HA control interfaces (GPIO/RS-232 SCPI) and beam-block architecture as HA9W1. 62.5/125  $\mu\text{m}$  multimode loss simulation; MM power-meter calibration; datacom/LAN fiber test.



MODEL

**JDSU HA9W2**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**HA9W2**

LISTING

<https://aumictechlabs.com/products/ha9w2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The JDSU HA9W2 optical attenuator is a precision instrument specifically designed for multimode fiber optic systems. Operating in the 700-1750nm wavelength range, it is suitable for 62.5/125um

fiber. This calibrated attenuator allows for accurate control of optical signal strength, crucial for performance evaluation, system optimization, and component testing in fiber optic networks.

## Features & description

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From manufacturer datasheet

### Features

- Model family: HA9W; fiber code 2 = 62.5/125  $\mu\text{m}$  multimode
- Wavelength: 750–1700 nm (OEM); listing may show 700–1750 nm
- Attenuation: 60 dB; resolution 0.01 dB
- Accuracy  $\pm 0.1$  dB; repeatability  $\pm 0.01$  dB
- Change rate: <1.5 s class for 0–60 dB
- Insertion loss MM: <3.9 dB class (62.5/125 connectorized table)
- Return loss MM: >30 dB class (standard K)
- Max input: 200 mW; beam block >90 dB
- Interfaces: GPIB, RS-232; SCPI
- Example configs: HA9W2+20KFP1 (FC/PC), HA9W2+20KSC1 (SC)–confirm label

## HA9W2 Characteristics / Specifications

| PARAMETER         | VALUE                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model             | HA9W2                                                                                                                                                                                                 |
| Manufacturer      | JDS Uniphase (JDSU / VIAVI)                                                                                                                                                                           |
| Instrument Type   | Programmable Multimode Optical Attenuator                                                                                                                                                             |
| Family            | HA9W Series                                                                                                                                                                                           |
| Alias             | HA9w2; HA9W2 62.5/125 Optical 750–1700 nm; 62.5/125 $\mu$ m MM; 60 dB; 0.01 dB; 200 mW max Operational Notes Prefer JDS HA Series specifications. Keep calibration certificate with calibrated units. |
| Model family      | HA9W; fiber code 2 = 62.5/125 $\mu$ m multimode                                                                                                                                                       |
| Wavelength        | 750–1700 nm (OEM); listing may show 700–1750 nm                                                                                                                                                       |
| Attenuation       | 60 dB; resolution 0.01 dB                                                                                                                                                                             |
| Change rate       | <1.5 s class for 0–60 dB                                                                                                                                                                              |
| Insertion loss MM | <3.9 dB class (62.5/125 connectorized table)                                                                                                                                                          |
| Return loss MM    | >30 dB class (standard K)                                                                                                                                                                             |
| Max input         | 200 mW; beam block >90 dB                                                                                                                                                                             |
| Interfaces        | GPIB, RS-232; SCPI                                                                                                                                                                                    |
| Example configs   | HA9W2+20KFP1 (FC/PC), HA9W2+20KSC1 (SC)–confirm label                                                                                                                                                 |
| Return loss       | MM: >30 dB class (standard K) - Max input: 200 mW; beam block >90 dB - Interfaces: GPIB, RS-232; SCPI - Example configs: HA9W2+20KFP1 (FC/PC), HA9W2+20KSC1 (SC)–confirm label                        |

# HA9W2 Specifications

| PARAMETER                | VALUE                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------|
| Applications             | 62.5/125 µm multimode loss simulation; MM power-meter calibration; datacom/LAN fiber test. |
| Key Features             | - Model family: HA9W; fiber code 2 = 62.5/125 µm multimode                                 |
| Technical Specifications | Model: HA9W2                                                                               |
| Optical                  | 750–1700 nm; 62.5/125 µm MM; 60 dB; 0.01 dB; 200 mW max                                    |

# 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           | HA9W2                                     |
| Manufacturer    | JDS Uniphase (JDSU / VIAVI)               |
| Instrument Type | Programmable Multimode Optical Attenuator |
| Family          | HA9W Series                               |
| Alias           | HA9w2; HA9W2 62.5/125                     |

Optical

750–1700 nm; 62.5/125 μm MM; 60 dB; 0.01 dB; 200 mW max

Operational Notes

Prefer JDS HA Series specifications. Keep calibration certificate with calibrated units.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto: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.