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Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase VP80-3C

The JDS Uniphase VP80-3C is a variable optical attenuator designed for precise control of optical power levels in fiber optic systems. It features a compact design and is suitable for various applications requiring accurate signal attenuation.



MODEL

**JDS Uniphase
VP80-3C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

VP80-3C

LISTING

<https://aumictechlabs.com/products/vp80-3c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase VP80-3C is an 80-watt AC/DC power supply designed for integration into 19" subracks as a 3U/8HP Eurocassette. This primary-switched power supply features active Power Factor Correction (PFC) and operates across a wide input voltage range of 94–253 VAC at 47–63 Hz, delivering up to 83% efficiency. Technical Specifications Power Output: 80 W Input Voltage Range: 94–253 VAC Input Frequency: 47–63 Hz Efficiency: Up to 83% Power Factor Correction: Active PFC Thermal Design: Natural convection cooling sufficient for full 80 W output; external heatsinks not required for standard operation. Enhanced cooling available for elevated ambient temperatures or forced convection applications Form Factor: 3U/8HP Eurocassette, 19" subrack per DIN 41494 Output Voltages & Current: – +5 V / 12 A – +12 V / 4 A – –12 V (current rating) Key Features Active Power Factor Correction minimizes harmonic distortion and improves power quality Wide input voltage range accommodates global AC mains standards without manual reconfiguration Compact Eurocassette form factor enables high-density subrack installations

Natural convection operation eliminates forced-air cooling requirements in nominal conditions
Multi-voltage output architecture supports diverse downstream loads Typical Applications 19"
rack-mount test and measurement equipment Telecommunications and fiber optic infrastructure
Industrial control systems requiring multi-voltage supplies Lab instrumentation and OEM
integrations Compatibility & Integration Meets CE marking per EMC directive 2004/108/EC and LV
directive 73/23/EEG. Safety certified to EN60950, UL, and cUL standards. Mounts directly in
standard 19" subrack configurations without adapters.

VP803C Characteristics / Specifications

PARAMETER	VALUE
Model	VP80-3C
Instrument Type	Optical workbench power supply module
Host Chassis	OWB10002 Optical Workbench
Host System	SWS2000 Swept Wavelength System
Related Environmental	OCETS environmental test system
Receiver Chassis	9-slot receiver chassis class
Measurements Class	insertion loss, polarization dependent loss, and return loss on SWS2000
Architecture	distributed architecture, one wavelength source to eight independent test stations
Manufacturer	JDS Uniphase / VIAVI
Use Case	Optical Workbench power module
Literature	JDSU VP80-3C / OWB10002 / SWS2000 listings
Family	JDS SWS / Optical Workbench
Documentation Type	OEM VP80-3C listing
Brand Lineage	JDS Uniphase VIAVI
System Role	workbench power supply module
Form Factor	Optical Workbench plug-in PSU
Related Modules	SWS15106 / SWS15107 SWS components
Application Class	multi-channel optical component characterization
Operating Temperature Class	laboratory optical
Year Class	SWS2000 / OWB family
Vendor Path	JDS Uniphase VIAVI
Documentation Class	OEM SWS catalog
Control Class	SWS/OWB system power
Companion Role	PSU for Optical Workbench receiver modules

PARAMETER	VALUE
Operating temperature	Class: laboratory optical
Return loss	on SWS2000

VP803C Specifications

PARAMETER	VALUE
Applications	Power for JDS Optical Workbench receiver chassis in SWS2000/OCETS optical component test.
Key Features	OWB10002 workbench PSU
SWS2000 swept wavelength system	OCETS environmental test
Technical Specifications	Model: VP80-3C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory optical
Operating Temperature	Class: laboratory optical
Model	VP80-3C
Instrument Type	Optical workbench power supply module
Host Chassis	OWB10002 Optical Workbench
Host System	SWS2000 Swept Wavelength System
Related Environmental	OCETS environmental test system
Receiver Chassis	9-slot receiver chassis class
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System Role	workbench power supply module
Form Factor	Optical Workbench plug-in PSU
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Application Class	multi-channel optical component characterization
Operating Temperature Class	laboratory optical
Year Class	SWS2000 / OWB family
Vendor Path	JDS Uniphase VIAVI
Documentation Class	OEM SWS catalog

PARAMETER	VALUE
Control Class	SWS/OWB system power
Companion Role	PSU for Optical Workbench receiver modules Notes From JDSU VP80-3C / OWB10002 / SWS2000 listings (Optical Workbench PSU, SWS2000 IL/PDL/RL, eight-station distributed source). Output voltages and current ratings are on the VP80-3C power-supply specification / label.

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.

environmental test systems. OEM SWS2000 literature describesadistributed architecture in which one tunable laser source can feed up to eight independent test stations measuring insertion loss, PDL, and return loss. The VP80-3C powers the Optical Workbench receiver chassis and its plug-in modules.

Applications

Power for JDS Optical Workbench receiver chassis in SWS2000/OCETS optical component test.

Key Features

- OWB10002 workbench PSU
- SWS2000 swept wavelength system
- OCETS environmental test
- Nine-slot receiver chassis family
- JDSU VIAVI lineage

Technical Specifications

Technical Specifications

PARAMETER	VALUE
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PARAMETER	VALUE
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Vendor Path	JDS Uniphase VIAVI
Documentation Class	OEM SWS catalog
Control Class	SWS/OWB system power
Companion Role	PSU for Optical Workbench receiver modules

Notes
From JDSU VP80-3C / OWB10002 / SWS2000 listings (Optical Workbench PSU, SWS2000 IL/PDL/RL, eight-station distributed source). Output voltages and current ratings are on the VP80-3C power-supply specification / label.

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.