

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

JDSU

JDSU OLP-6 Handheld Optical Power Meter

The OLP-6 is a pocket-sized JDSU optical power meter for single-mode loss test and systems power measurements. Part of the OLP pocket OPM family; can be paired with OLS sources in pocket optical test kits. Instrument Type: Handheld Optical Power Meter Specs from JDSU OLP-6 pocket optical power meter product literature. Confirm detector type and exact calibrated wavelengths on the unit certificate.



MODEL

JDSU OLP-6

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

OLP-6

LISTING

<https://aumictechlabs.com/products/olp-6-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDSU OLP-6 is a pocket-class handheld optical power meter for field measurement of optical power and attenuation across LAN, Telecom, and CATV networks. Its compact, lightweight design and three-button interface enable rapid deployment by technicians and engineers. The meter measures optical power from -65 dBm to +10 dBm and operates across wavelengths to 1650 nm, supporting both single-mode and multi-mode fiber applications. Technical Specifications Measurement Range: -65 dBm to +10 dBm Wavelength Capability: Single-mode and multi-mode; up to 1650 nm Dual-Wavelength Support: 850/1300 nm or 1310/1550 nm with compatible JDSU OLS light sources Measurement Units: dB, dBm Accuracy: Optimized under reference conditions (1310 nm $\pm$ 2 nm, -20 dBm CW, 23°C $\pm$ 3 K, 40–75% RH); APC connector use adds -0.1 dB uncertainty Connector Interface: Universal Push-Pull (UPP) adapter compatible with 2.5 mm and 1.25 mm connectors Power Supply: AA batteries (alkaline or NiMH/NiCd rechargeable); >130

hours operating time Auto-Shutoff: Selectable 20-minute timeout to extend battery life Calibration Interval: 3 years recommended

Key Features TWINtest function enables automatic attenuation measurements at dual wavelengths when paired with compatible light source Auto-lambda wavelength detection and fiber identification with JDSU OLS light sources Single-keystroke reference level setting for attenuation measurement per IEC-874-1 (method 6) Modulation frequency detection for fiber identification when used with light source Battery replacement indicator

Typical Applications LAN installation and troubleshooting; Telecom network commissioning and maintenance; CATV system testing; insertion loss and attenuation measurements in fiber optic links.

Compatibility & Integration Designed for operation with JDSU OLS optical light sources to enable insertion loss and dual-wavelength testing. Universal connector compatibility eliminates the need for adapter changes between measurement points.

Features & description

From manufacturer datasheet

Features

• Type: pocket optical power meter • Wavelength coverage: up to 1650 nm (high-end limit class) • Units: dB, dBm • Auto-lambda automatic wavelength detection (with JDSU OLS sources) • TWINtest dual-wavelength attenuation measurements (850/1300 or 1310/1550 class workflows) • Universal push-pull adapter (UPP) for 2.5 mm / 1.25 mm connectors • Battery: AA dry or NiMH/NiCd; lifetime >130 hours • Calibration interval: 3 years • Includes: two AA batteries, operating manual, belt bag (typical kit) • Easy three-button operation

Applications

• Optical power measurement (dBm/dB) • Insertion loss with companion OLS light source • Field fiber installation and maintenance

OLP Characteristics / Specifications

PARAMETER	VALUE
Model	OLP-6
Manufacturer	JDSU
Instrument Type	Handheld Optical Power Meter
Alias	OLP-6; JDSU OLP-6
Wavelength max	1650 nm
Units	dB / dBm
Battery life	>130 hours
Calibration period	3 years
Form	pocket handheld Notes Specs from JDSU OLP-6 pocket optical power meter product literature. Confirm detector type and exact calibrated wavelengths on the unit certificate.
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Battery	AA dry or NiMH/NiCd; lifetime >130 hours
Calibration interval	3 years
Includes	two AA batteries, operating manual, belt bag (typical kit)
Attenuation	measurements (850/1300 or 1310/1550 class workflows) - Universal push-pull adapter (UPP) for 2.5 mm / 1.25 mm connectors - Battery: AA dry or NiMH/NiCd; lifetime >130 hours - Calibration interval: 3 years - Includes: two AA batteries, operating manua

OLP Specifications

PARAMETER	VALUE
Applications	- Optical power measurement (dBm/dB)
Key Features	- Type: pocket optical power meter
Technical Specifications	Model: OLP-6

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	OLP-6
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Specifications

PARAMETER	VALUE
Wavelength max	1650 nm
Units	dB / dBm
Battery life	>130 hours
Calibration period	3 years
Form	pocket handheld

Notes

Specs from JDSU OLP-6 pocket optical power meter product literature. Confirm detector type and exact calibrated wavelengths on the unit certificate.

Ordering Information

OPTION	DESCRIPTION
Includes	two AA batteries, operating manual, belt bag (typical kit) - Easy three-button operation

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

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788 S 500 E, Pleasant Grove, UT 84062
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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.