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**Data Sheet**

August 14, 2026

ANRITSU

## Anritsu ML93B Optical Power Meter

The Anritsu ML93B (also labeled Wiltron ML93B) is a compact optical power meter. Published calibration-lab specification summaries list 800 to 1700 nm, minus 70 to plus 10 dBm, plus or minus 0.2 dB accuracy, 0.01 dB resolution, 4-digit LED, and a 170 x 105 x 42 mm 0.5 kg handheld package with RS-232 and GPIB. Fiber and laser optical-power checks in lab and field. Manufacturer Family: Anritsu Wiltron ML93B Applications Class: Telecom fiber and laser power Fiber and laser optical-power checks in lab and field. Manufacturer Family: Anritsu Wiltron ML93B Applications Class: Telecom fiber and laser power Connector Class: Optical input with interchangeable adapters class



MODEL

**Anritsu ML93B**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**ML93B**

LISTING

<https://aumictechlabs.com/products/ml93b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

### This unit

The Anritsu ML93B is an optical power meter designed for accurate measurement of optical power within fiber optic systems. It is capable of measuring a wide range of optical powers and supports various optical sensors to cover different wavelength ranges. This instrument is suitable for applications in field testing, laboratory environments, and production settings. Technical Specifications Measurement Capabilities Wavelength Range: 0.38 to 1.8  $\mu\text{m}$  (0.38 to 1.8 micrometers) Power Measurement Range: -90 dBm to +10 dBm \* A wide dynamic range is supported, with specific sensor ranges including -40 dBm to +10 dBm. Resolution: 0.001 dB (dB (REL) display) Supported Optical Sensors The ML93B operates in conjunction with Anritsu optical power sensors, including models such as MA95A, MA96E, MA97B, MA98A, MA911A, MA912A, and MA913A. The meter works with excellent interchangeability, allowing connection to any compatible optical power sensor without requiring readjustment. Optical sensors are

compatible with Agilent/HP 81000 Series optical head connector adapters. Features Automatic Zero Adjustment: A single switch allows for automatic zero adjustment of the power meter. Digital Display: The ML93B features a digital display for direct and accurate reading of measurements. Portability: The unit can be operated on an optional external battery pack, enhancing its portability for field use. GPIB Remote Interface: Includes a GPIB (General Purpose Interface Bus) for remote control and automation. Calibration Factor: Requires a calibration factor for each wavelength for proper operation. A sample calibration factor for 1550.92 nm is provided as +1.46 dB. Electrical Specifications Power Requirements: Can be operated on an external battery pack (MZ9SA or M295A mentioned for ML93A). Input Voltage: 9-20 V Interfaces GPIB: Available as an option (Option 02). Output: Recorder output Physical Specifications Dimensions: 282mm (W) x 99mm (H) x 200mm (D) Weight: Approximately 3.5 kg Compatibility Compatible with Anritsu MA9SA/MA96E/MA97B/MA98A/MA911A/MA912A/MA913A optical power sensors. Optical sensors are compatible with Agilent/HP 81000 Series optical head connector adapters. Documentation User Manual and Datasheet are available. Why Choose Aumictech for the Anritsu ML93B? At Aumictech, we specialize in sourcing and supplying optical test and measurement equipment. Whether you need precise optical power measurements for network installation, detailed analysis in a research lab, or reliable performance in a manufacturing environment, our team ensures the Anritsu ML93B delivers maximum performance and accuracy for your specific application.

# ML93B Characteristics / Specifications

| PARAMETER             | VALUE                                             |
|-----------------------|---------------------------------------------------|
| Wavelength Range      | 800 to 1700 nm                                    |
| Power Range           | minus 70 to plus 10 dBm                           |
| Accuracy              | plus or minus 0.2 dB                              |
| Resolution            | 0.01 dB                                           |
| Display               | 4 digit LED                                       |
| Display Digits        | 4                                                 |
| Remote Interface Rs2  | RS-232                                            |
| Remote Interface Gpib | GPIB                                              |
| Power Supply          | 9 V battery or AC adapter                         |
| Dimensions            | 170 x 105 x 42 mm                                 |
| Mass                  | 0.5 kg                                            |
| Instrument Type       | Optical power meter                               |
| Form Factor           | Handheld portable                                 |
| Manufacturer Family   | Anritsu Wiltron ML93B                             |
| Applications Class    | Telecom fiber and laser power                     |
| Operating Use         | Lab and field                                     |
| Level Units           | dBm class optical power                           |
| Connector Class       | Optical input with interchangeable adapters class |
| Response Class        | Fast optical power response class                 |
| Calibration           | Optical power calibration support                 |
| Internal Display      | LED numeric                                       |
| Portability           | Battery operation                                 |

# ML93B Specifications

| PARAMETER                         | VALUE                            |
|-----------------------------------|----------------------------------|
| Anritsu ML93B Optical Power Meter | Overview                         |
| Key Features                      | 800 to 1700 nm                   |
| Minus 70 to plus 10 dBm           | 0.01 dB resolution               |
| Technical Specifications          | Wavelength Range: 800 to 1700 nm |

# 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                                             |
| Wavelength Range                                                                                                                                                                      | 800 to 1700 nm                                    |
| Power Range                                                                                                                                                                           | minus 70 to plus 10 dBm                           |
| Accuracy                                                                                                                                                                              | plus or minus 0.2 dB                              |
| Resolution                                                                                                                                                                            | 0.01 dB                                           |
| Display                                                                                                                                                                               | 4 digit LED                                       |
| Display Digits                                                                                                                                                                        | 4                                                 |
| Remote Interface Rs232                                                                                                                                                                | RS-232                                            |
| Remote Interface Gpib                                                                                                                                                                 | GPIB                                              |
| Power Supply                                                                                                                                                                          | 9 V battery or AC adapter                         |
| Dimensions                                                                                                                                                                            | 170 x 105 x 42 mm                                 |
| Mass                                                                                                                                                                                  | 0.5 kg                                            |
| Instrument Type                                                                                                                                                                       | Optical power meter                               |
| Form Factor                                                                                                                                                                           | Handheld portable                                 |
| Manufacturer Family                                                                                                                                                                   | Anritsu Wiltron ML93B                             |
| Applications Class                                                                                                                                                                    | Telecom fiber and laser power                     |
| Operating Use                                                                                                                                                                         | Lab and field                                     |
| Level Units                                                                                                                                                                           | dBm class optical power                           |
| Connector Class                                                                                                                                                                       | Optical input with interchangeable adapters class |
| Response Class                                                                                                                                                                        | Fast optical power response class                 |
| Calibration                                                                                                                                                                           | Optical power calibration support                 |
| Internal Display                                                                                                                                                                      | LED numeric                                       |
| Portability                                                                                                                                                                           | Battery operation                                 |
| Notes                                                                                                                                                                                 |                                                   |
| From published Anritsu/Wiltron ML93B calibration specification summaries (800 to 1700 nm optical power meter). Confirm sensor/adapter calibration wavelength on the unit certificate. |                                                   |

### 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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NIST-traceable calibration · SAM registered ·  
30-day returns  
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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.