MP-60 and MP-80

Miniature USB 2.0 Power Meters with FiberChek2™ Integration

Miniature USB 2.0 Power Meter

Key Features

- **Lightweight, small form-factor design for ultimate portability**
- **Generates measurements in dB, milliwatt, and dBm with auto-voice readout option**
- **Compatible with FiberChek2 fiber inspection and analysis software; integrated reporting capabilities within FiberChek2**
- **Simple, accurate, and instant push-button measurement results can be electronically archived, logged, and printed**
- **Dedicated for all single-mode and multimode applications including LAN, TELECOM, CATV, and DWDM testing**
- **Automated data logging capabilities**
- **Automatic wavelength detection**

Applications

- Takes power measurements for all single-mode and multimode connectors via USB 2.0 connection to PC/laptop
- Measures optical power with multiple pre-calibrated wavelengths:
  - MP-60 @ 850, 1300, 1310, 1490, and 1550 nm
  - MP-80 @ 980, 1310, 1480, and 1550 nm
- Integrates digital power measurements, fiber inspection, and analysis into a single, unified work sequence
- With future software updates, the MP-60 and MP-80 USB power meters will be supported on JDSU access handheld platforms such as the HST-3000 and SmartClass™ Home

Miniature USB Power Meter

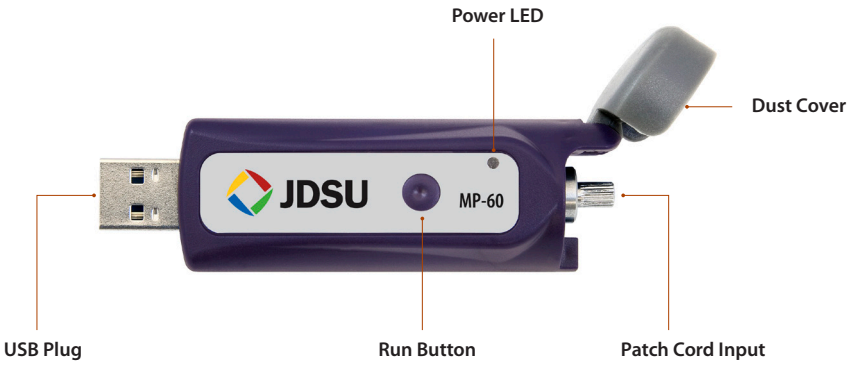
The new MP-series Power Meter from JDSU is a miniature device that measures optical power via a USB 2.0 connection to a PC/laptop. This unique device makes digital processing of optical power measurements possible and integrates directly with the JDSU FiberChek2 software, the industry-leading automated fiber inspection and analysis program. Its size, functionality, and ease-of-use makes it an extremely useful and practical tool when testing optical power levels. The simple, straightforward, and intuitive software interface offers a well-organized digital solution to both fiber inspection and test procedures.

MP-series USB power meters integrate directly with FiberChek2 to offer an easy, practical digital solution for fiber inspection and test.

Benefits

- Quickly and easily test optical power on PC/laptop
- Small form-factor design for ultimate portability
- Archives and creates custom logs for all results
- Integrate power measurement results into FiberChek2 files and reports
- Easy, clear, straightforward digital readouts (with auto-voice option) and interface with options for dB, milliwatt, and dBm measurements

Components and Functions



MP-60 Specifications

Dimensions	86 x 25 x 19 mm (3.4 x 1.0 x 0.8 in)
Weight	14 g (0.5 oz)
USB type	USB 2.0
Connector input	Universal 2.5 and 1.25 mm connectors
Measurement types	dB, milliwatt, dBm
Power source	USB port on PC or laptop
Display range	–65 to +10 dBm
Max. permitted input level	+10 dBm
Intrinsic uncertainty[1]	±0.20 dB (±5%)
Linearity[1] **(–50 to +5 dBm)**	±0.06 dB
Standard wavelength settings	850, 1300, 1310, 1490, 1550 nm
Wavelength range	780 to 1650 nm
Wavelength and modulation	270 Hz, 330 Hz, 1 kHz, 2 kHz
1300, 1310, 1490, 1550 nm	–50 to +10 dBm
850 nm	–45 to +10 dBm
Warranty	1 yr

MP-80 Specifications

Dimensions	86 x 25 x 19 mm (3.4 x 1.0 x 0.8 in)
Weight	14 g (0.5 oz)
USB type	USB 2.0
Connector input	Universal 2.5 and 1.25 mm connectors
Measurement types	dB, milliwatt, dBm
Power source	USB port on PC or laptop
Display range	–50 to +26 dBm
Max. permitted input level	+23 dBm
Intrinsic uncertainty[1]	±0.20 dB (±5%)
Linearity[1] **(–50 to +5 dBm)**	±0.06 dB
Standard wavelength settings	980, 1310, 1480, 1550 nm
Wavelength range	780 to 1650 nm
Wavelength and modulation	270 Hz, 330 Hz, 1 kHz, 2 kHz
1310, 1550 nm	–35 to +23 dBm
980 nm	–30 to +23 dBm
Warranty	1 yr

[1] *Under the following reference conditions: –20 dBm (CW), 1300 nm ±1 nm, 23°C ±3K, 45 to 75% relative humidity, 9 to 50 µm fiber.*

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