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Ripley Miller UPM100-04 USB Optical Power Meter (+23dBm to -45dBm)

Product Images

Product Code: C00-7175

Short Description

Ripley Miller USB Optical Power Meter (with 2.5mm universal adapter included) to measure optical signals +23dBm to -45dBm

Description

The Ripley Miller UPM100-04 USB Power Meter is used with ODM software to capture dB loss readings in optical fibre systems. The UPM's small size and "plug and play" configuration make it the ideal tool for loss testing at any site; simply plug it into your computer's USB port and begin testing. Compatible with Ripley Miller VIS and Data Manager software, the UPM100-04 transmits a continuous stream of data, refreshing every second to ensure the most accurate reading possible.
Users can save readings based on carrier or build-specific guidelines, and results displayed in red or green help testers easily identify acceptable and unacceptable dB loss measurements. The UPM100-04 is fully compatible with the Ripley Miller PAD255B Portable Access Device and VIS application, allowing for wireless inspection and testing with a smartphone or tablet.

Use a laptop PC, smartphone, tablet or Sidekick Plus as a fully-featured OPM. The UPM100 plugs into computers and smart devices using a simple USB 2.0 connection.
The compact design of the UPM100-04 makes it ideal for many testing situations.
Use the UPM100-04 to create custom reports with Ripley Miller VIS and Data Manager platforms. Include power meter results to image reports, or export many readings to a full power meter report.
Achieve precise results each and every time. The detector in the UPM100-04 ensures pinpoint accuracy in optical measurements (in dB, dBm or Watts).

This USB power meter comes equipped with a 2.5mm universal adapter included. Other universal and specific adapter/connector styles are available.

Features:
• 850, 1300, 1310, 1490, 1550, 1610, & 1625nm wavelengths
• Transmit live dB and dBm readings via USB 2.0 for storage and closeout reporting
• Smartphone compatible (Android and Windows)
• Set reference/zero functionality
• Accepts all connector styles
• Single Mode and Multi Mode testing
• Plug-and-play design - begin testing with GVIS and Data Manager software immediately

Specification:
Wavelength Range - 850nm to 1625nm
Calibrated Wavelengths - 850, 1300, 1310, 1490, 1550, 1610, 1625
Measurement Range - +23 to -45dBm
Measurement Types - dB (Insertion Loss) / dBm (Absolute Power)
Resolution - 0.01dB

Absolute Accuracy - +/- 0.25dB
Detector Type - Filtered InGaAs
Optical Interface - Universal 2.5mm (Other adapters stocked)
Tone Identification - 2kHz Incoming Signal - Audible Alert
Storage - External Storage in GVIS or Data Manager
Data Transfer - USB 2.0
Dimensions - 3.75” x .75” x .75” (9.5cm x 1.9cm x 1.9cm)
Weight - 0.05 lb (22.68g)