

WELCOME TO THE NEW INDUSTRY STANDARD

# **NEW** USB OPTICAL POWER METER

Capture dB loss readings in optical fiber systems



GUPM100 USB Power Meter is used with Greenlee Communications software to capture dB loss readings in optical fiber systems. The GUPM's compact size and "plug and play" configuration make it the perfect tool for loss testing at any site; simply plug it into your computer's USB port and begin testing. Compatible with Greenlee Communications GVIS and Data Manager software, the GUPM100 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 GUPM100 is fully compatible with the Greenlee Communications GPAD255B Portable Access Device and GVIS application, allowing for wireless inspection and testing with a smartphone or tablet.

## **BENEFITS**

Use a laptop PC, smartphone, tablet or Sidekick Plus as a fully-featured Optical Power Meter. The GUPM100 plugs directly into computers and smart devices using a simple USB 2.0 connection.

The small form-factor design of the GUPM100 makes it ideal for many testing situations. Put it in a pocket or carry case and bring it to every test site.

Use the GUPM100 to create custom reports with Greenlee Communications GVIS and Data Manager platforms. Add power meter results to image reports, or export many readings to a full power meter report.

Get precise results every time. The detector in the GUPM100 ensures pinpoint accuracy in optical measurements (in dB, dBm or Watts).

## **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

# USB OPTICAL POWER METER

## CAPTURE dB LOSS READINGS

FOR PRODUCT VIDEOS,  
DEMONSTRATIONS AND MORE VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)

Greenlee Communications GUPM100 USB Power Meter is used with Greenlee Communications software to capture dB loss and absolute power dBm readings in optical fiber systems. The GUPM's compact size and "plug and play" configuration make it the perfect tool for loss testing at any site; simply plug it into the USB port on any computer running Greenlee Communications software and begin testing.

The GUPM100 directly interfaces with the Sidekick Plus multifunction test set. Loss measurements and absolute optical power measurements are made quickly and efficiently within the Sidekick Plus user interface.

Compatible with Greenlee Communications GVIS and Data Manager software applications, the GUPM100 transmits a continuous stream of data, refreshing continuously to ensure the most accurate reading possible. Users can save readings based on customer or build-specific guidelines, and results displayed in red or green help testers easily identify acceptable and unacceptable dB loss measurements.

The GUPM100 is fully compatible with the Greenlee Communications GPAD255B Portable Access Device and the GVIS mobile application. This allows for wireless dB loss and dBm power measurements with a smartphone or tablet.

The GUPM100 can also be plugged directly into the GVIS300C base model to enable power meter testing on the GVIS300C device.

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

## SPECIFICATIONS

	GUPM100-02	GUPM100-04
<b>Wavelength Range</b>	850nm to 1625nm	
<b>Calibrated Wavelengths</b>	850, 1300, 1310, 1490, 1550, 1610, 1625	
<b>Measurement Range</b>	+6 to -70dBm	+23 to -45dBm
<b>Measurement Types</b>	dB (Insertion Loss) / dBm (Absolute Power)	
<b>Resolution</b>	0.01dB	
<b>Absolute Accuracy</b>	+/- 0.25dB	
<b>Detector Type</b>	InGaAs	Filtered InGaAs
<b>Optical Interface</b>	Universal 2.5mm (Other adapters available)	
<b>Tone Identification</b>	2kHz Incoming Signal - Audible Alert	
<b>Storage</b>	External Storage in GVIS or Data Manager	
<b>Data Transfer</b>	USB 2.0	
<b>Dimensions</b>	3.75" x .75" x .75" (9.5cm x 1.9cm x 1.9cm)	
<b>Weight</b>	0.05 lb (22.68g)	

## ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION
GUPM100-02	07509	USB Optical Power Meter and 2.5mm universal adapter to measure optical signals <+6dBm.
GUPM100-04	07510	USB Optical Power Meter and 2.5mm universal adapter to measure optical signals up to +23dBm.

### CONNECTOR OPTIONS

GAC 020	00525	2.5mm Universal Adapter
GAC 021	00526	1.25mm Universal Adapter
GAC 026	00531	SC/UPC Adapter for OPM
GAC 126	02046	SC/APC Adapter for OPM
GAC 027	00532	ST Adapter for OPM
GAC 028	00533	FC Adapter for OPM
GAC 029	00534	LC Adapter for OPM
GAC 540	02038	Optitap® Compatible Patchcord (SC/APC)
GAC 010	21033	Single Instrument Pouch

Specifications are subject to change.

Optitap® is a registered trademark of Corning Cable Systems Brands, Inc.



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