OptiConcepts
FiberWarrior™ Remote Power Meter

Key Features & Benefits
• Compatible with FiberWarrior Test Sets or Separate Computer
• Complete Line of Adapters for Single and Multi-Fiber Connectors
• Light Weight Unit Allows Easy Transport Between Work Stations
• Compact Size Saves Benchtop Work Space

Markets & Applications

• Telecommunications
• LAN/WAN
• CATV
• Military

• OEM & Lab Environments
• Education
• Cable Assembly Manufacturing

Overview
The FiberWarrior Remote Power Meter is designed to measure general power and loss for long haul, metro, CATV, local area networks, and connector manufacturing applications with wavelengths ranging from 800nm to 1700nm. This simple and easy to use portable power meter provides both absolute and relative power measurement. It is fully compatible with FiberWarrior Simplex, Duplex, and Multi-Fiber Test Sets or a separate computer with FiberWarrior Simple Tester™ software installed. An optionalinternal or external light source can be used to measure optical loss and continuity in optical links, systems, and connectors. Accurate measurement results can be electronically saved and printed in simple, easy to read report formats. Test results can be saved and moved off the machine via USB thumbdrive and imported into programs such as Microsoft Excel and Word.

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Simple Tester

Meter

Insertion Loss	1310nm SM	1550nm SM

Lock

-0.15 dBr   **-0.18** dBr

-5.50 dBm   -5.25 dBm

SOURCE ON

Backreflection   **-55.16** dB   **-56.78** dB

Single-mode ON   Wavelength   Reference

Multimode OFF

Save Results   Exit

Simple Tester™ Test Screen Shot Example with optional Back Reflection

results - WordPad

File   Edit   View   Insert   Format   Help

```
1:19:20 PM  -0.07 -0.10 -55.37      -55.89
1:19:40 PM  -0.19 -0.18 -57.88      -57.21
1:20:50 PM  -0.25 -0.20 -56.03      -57.38
1:20:10 PM  -0.41 -0.38 -54.18      -55.98
1:21:20 PM  -0.13 -0.05 -58.34      -58.32
1:21:30 PM  -0.15 -0.18 -55.16      -56.78
```

For Help, press F1

Simple Tester™ Results Screen Shot Example opened in WordPad

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Specifications

Physical		
Weight	4.6 oz	130 grams
Dimensions	3.25 x 3.0 x 1.0in	82.55 x 76.2 x 25.4mm
Ports	1 USB	
Connector Port Adapters	1.25 Universal, 2.5 Universal, MPO/MTP	
Display	Uses the FiberWarrior or Computer Display	
Environmental		
Operational Temperature	0° to 50°C	
Storage Temperature	-20° to 60°C	
Humidity	≤95% RH, Non Condensing	
Electrical		
Power Supply	USB Powered	
User Input Device	Linked CPU or FiberWarrior Test Set	
Optical		
Measurement Range (nm)	800-1700	
Detector Type	InGaAs	
Power Meter Range	+5 to -70dBm	
Absolute Accuracy	±0.25dB	
Maximum Power Input	3mW	

Part Number	Description
Remote Power Meter	
FW-PMS	Remote Power Meter
Accessories	
Adapters	
1.25 Adapter Universal	FWP-1.25
2.5 Adapter Universal	FWP-2.5
MPO/MTP	FWP-MPO

OptiConcepts is committed to providing high quality, easy to use test equipment by integrating customer needs into world-class engineered products and systems.