



FiberLink® 6650 - Optical Power Meter



The FiberLink 6650 Optical Power Meter is a high accuracy, high resolution, microprocessor controlled optical power meter.

The FiberLink 6650 Optical Power Meter is a high accuracy, high resolution, microprocessor controlled optical power meter. It has a wide 65 dB dynamic range, and is calibrated to measure 850, 1300, 1310, and 1550nm, making it ideal for both singlemode and multimode fiber testing, as well as 1490nm for measurement of FTTx PON networks.

It has an attractive handheld case with an easy-to-read graphical liquid crystal display and a 2-key keypad for easy operation. It is offered with a 2.5mm universal fiber connector for easy connection to ST, SC, and FC connectors, will operate for over 250 hours on a standard high-capacity 9v battery, and has built-in auto shutdown. The built-in charger port allows for wall power operation, as well as for charging 9-volt re-chargeable batteries.

FEATURES

InGaAs photodetector with 2.5mm universal adapter for ST, SC, FC, and other 2.5mm connectors, 1.25 mm universal adapter for LC connectors

65 dB dynamic range; calibrated to measure 850, 1300, 1310 and 1550nm

Works with multimode and single mode fiber

Graphical LCD display with intuitive user interface

Simple 2-key operation

Power measurements shown in dBm, dB, or microwatts

Display resolution of 0.01 dB

Long battery life - up to 250 hrs on one 9v battery

On screen battery indicator

Comes equipped with a rugged and durable rubber boot to protect the instrument from drops and other hazards

SPECIFICATIONS

Specifications

Measurement Range:	+5 to -60 dBm
Absolute Accuracy:	+/- 0.15 dB over range of 0 to -45 dBm
Resolution:	0.01 dB
Linearity:	+/- 0.20 dB over range of 0 to -45 dBm
Wavelengths:	850, 1300, 1310, 1550nm
Fiber Types:	Single Mode and Multimode
Connector:	InGaAs photodetector with 2.5mm universal adapter (ST, SC, FC, and other 2.5mm connectors)
Power Requirements:	9 Volt battery or optional Power Supply for use with rechargeable battery
Dimensions:	4.94 x 2.175 x 1.28 (inches)

Get the complete FiberLink Test Equipment Series:



Optical Power Meter
FiberLink 6650

Dual Wavelength Multimode Light Source
FiberLink 6652

Dual Wavelength Single Mode Light Source
FiberLink 6654

Visible Fault Locator
FiberLink 6656

Optical Length Tester
FiberLink 6658



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All specifications subject to change without notice. ©2016



Schedule
Contract GS-03F-016CA

Ordering Information

Part Number	Description
6650	Optical Power Meter

Sales



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