



Optical Power Meter GRANDWAY FHP1B02

Code: L5821



Front view



View of the meter with FC/PC adapter



Bottom view - the compartment for batteries placed under the screwed-on cap



The protective carrying case



The included AAA batteries and FC/SC adapter

Optical power meter GRANDWAY FHP1B02 [L5821](#) measures optical power loss in fiber networks based on multimode and single-mode fibers. The meter is calibrated to measure optical power at six wavelengths (nm): 850, 1300, 1310, 1490, 1550, and 1625. A wide measuring range (-40...+23 dBm) and high accuracy (not worse than 0.35 dB / 10 nW) allow for precise control of any optical network. It is also possible to set 0 dB reference level.

Due to small size and low weight the device is ideal for field applications. The meter is equipped with a tip that allows measurements of optical power in optical paths terminated with connectors with 2.5 mm ferrules. The kit includes FC/PC and SC/PC adapters.

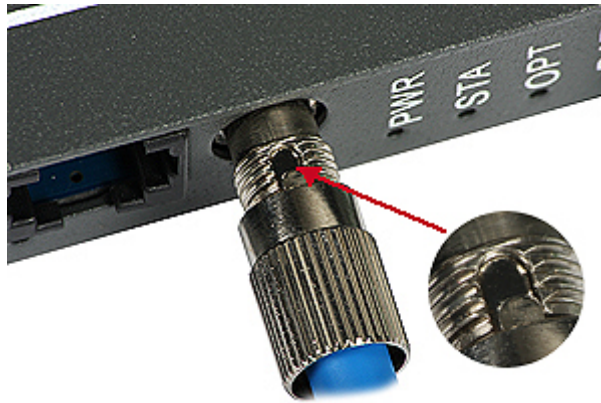
The meter is powered by four AAA batteries.

Key features

- device calibrated for the following wavelengths [nm]: 850, 1300, 1310, 1490, 1550, 1625;

- measurements of absolute optical power levels in dBm/milliwatts or relative levels with respect to a reference level in dB;
- measuring range: -40...+23 dBm (1550 nm), resolution of 0.01 dB;
- AUTO-OFF function;
- easy to read, backlit screen;
- small size and low weight;
- simple and intuitive operation.

The meter is dedicated for cooperation with optical laser source GRANDWAY FHS1D02 [L5825](#).



*Proper positioning of the FC/PC plug.
The guide of the plug fits into the groove on the socket.*

Specifications

Model	Grandway FHP1B02
Code	L5821
Operating wavelengths	850 nm 1300 nm 1310 nm 1490 nm 1550 nm 1625 nm
Detector	InGaAs
Measuring range	-40 ... +26 dBm (@1550nm)
Connectors	FC/PC, SC/PC (changeable, with 2.5 mm ferrule)
Accuracy	±0.35dB ±10nW
Operating temperature	-10°C...+50°C
Storage temperature	-20°C...+70°C
Dimensions	115 x 62 x 30 mm
Weight	140 g
Power	4x AAA battery