

General Description

FHP1B02 is a cost-effective full-featured mini sized optical power meter designed to be used with an optical laser source to perform optical loss measurements or stand-alone tests on optical fiber cables at the infrared light range.

FHP1B02 supports seven wavelengths: 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm and 1650nm. It indicates also the common 270Hz, 1kHz and 2kHz modulations used for fiber identification.

Features

FHP1B02 measuring range is -40 ... +23dBm (at 1550nm), so it is also suitable for cable-TV environment. Related product version FHP1A02 is similar equipment with -60 ... +3dBm range. Connecting FHP1A02 with Grandway FHS1D series dual-wavelength laser source, FHP1A02 meter enables accurate measurement of fiber loss at a distance of up to 250 km (at 1550nm), depending on conditions.

FHP1B02 has a clear backlit LCD with linear and logarithmic optical power display. Device has low battery consumption and indicator for low battery. The 10-minute auto-shut-off feature can be bypassed manually.



Technical Specifications

Calibrated wavelengths	850, 1300, 1310, 1490, 1550, 1625, 1650nm
Detector type	InGaAs
Connector	FC/PC, SC/PC, ST/PC
Accuracy (1)	±0.35dB±10nW
Resolution	0,01dB
Linearity	±5%
Automatic power-off	Yes
Display backlight	Yes
Reference value possibility	Yes
Measuring range FHP1B02	-40...+23dBm
Measuring range FHP1A02	-60...+3dBm
Operating temperature	-10...+50°C
Storage temperature	-20...+70°C
Power supply	4pcs AAA/LR03 alkaline batteries
Dimensions	115 x 62 x 30mm
Net weight	140g

(1) Conditions: 1550nm, continuous signal, 23±3°C, relative humidity ±70%, FC connector.

FHP1B02 basic setup

- FHP1B02 power meter
- FC/PC and SC/PC connectors
- 4 pcs AAA batteries
- Carrying bag
- User manual

Sales: