Fiber Optic Tester - FPM-3010+A Optical Power Meter





Litech Optical Power Meters are designed to measure optical power in Cable TV, Telcom or broadband fiber optic networks. When used with laser light source, the FPM-3010+A also can measure the attenuation (insertion loss) of single-mode cable links. The FPM-3010+A stores reference settings for each calibration wavelength. An easy to read LCD display shows optical power (dBm or mW) or insertion loss (dB) and the calibrated wavelength.

The FPM-3010+A can save up to 999 power or insertion loss measurements values for future downloading to a computer. A mini USB Cable to transfer results to your PC and Windows software to view, print, and archive test results are provided.

Features

- Universal optic connector, support FC/SC/ST connector;
- Multi-wavelength measurement: 850/1300/1310/1490/1550/1625nm
- Color LCD screen, suitable for a variety of optical environment;
- The reference value can be set to confirm threshold value
- Measure absolute power and fiber optic link loss.
- The automatic shutdown mode can be set
- Internal memory save up to 999 data
- Highly versatile and ease of use
- Mhock-proof and drop-proof plastic shell design
- Rechargeable high quality lithium polymer batteries for longer operating time

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Product Specification

Parameter	Specification
Calibrated (nm) Wavelength	800~1700
Detector Type	InGaAs
Measurement Range (dBm)	-70~10
Uncertainty (dB)	±3.5%
Linearity (dB)	±0.02
Display Resolution(dB)	0.01
Frequency ID (Hz)	270,330,1K,2K
Wave ID (nm)	850, 1300, 1310, 1490, 1550, 1625
Date Storage Capacity	999
Communication Port	Mini USB
Optical Connector type	2.5mm universal connector +FC or SC or ST
Alkaline Battery	3*AA, 1.5V or One lithium polymer rechargeable battery
Power Supply Adaptor(V)	3*AA Batteries without a power adapter provided. The lithium polymer battery is attached with a 5V power adapter
Battery Operating time (h)	3*AA25h,One lithium polymer rechargeable battery 75h
Operation Temperature(°C)	-10~+60
Storage Temperature(°C)	-25~+70
Dimension	76 * 177.5*40mm
Weight	0.275Kg

Ordering Information

Part Number	Description
FPM-3010+A	FPM-3010+A Optical Power Meter

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