



...communicating at the speed of light

# FT-OPT-2A FT-OPT-2C Handheld Optical Power Meters

### Features:

- Wave ID—Automatic wavelength identification and switching (when used with handheld light source)
- Frequency ID/Tone detection - Automatic frequency identification
- Intelligent backlight control (light intensity can be adjusted properly according to ambient light, which greatly reduces power consumption)
- Data storage function, up to 1000 test records
- USB communication port for saved testing records download
- Reference power level can be set up and stored
- User self calibration function
- Auto-off function can be activated or deactivated.
- AA alkaline and AC adapter for power supply
- Low battery indication



### Description:

The FT-OPT-2 series of handheld optical power meters are a newly designed line of fiber optic testers designed for fiber network installation, fiber network engineering acceptance and fiber network maintenance on both single-mode and multi-mode fiber optic cables. The FT-OPT-2 series has many great functions/features including automatic wavelength identification and switching, intelligent backlight control and accurate signal level reading.

### Specifications:

Calibration:	850, 1300,1310,1490,1550,1625 nm
Detector type:	InGaAs
Measurement Range	
FT-OPT-2A:	-70 to +6 dBm
FT-OPT-2C:	-50 to +26 dBm
Accuracy:	+/- 0.15 dB (3.5%)
Linearity:	+/-0.02 dB
Display resolution:	0.01 dB
Frequency ID:	270, 330, 1K, 2K Hz
Wave Identification:	1310, 1490, 1550, 1625 nm
Date storage capacity:	1000 Records
Communication Port:	USB
Optical Connector Type:	FC,SC,ST interchangeable
Alkaline Battery:	3*AA, 1.5V
Power Supply Adaptor:	8.4V
Battery Operating time:	200 Hours
Operation Temperature:	14°F - 140°F
Storage Temperature:	-13°F - 158°F
Dimensions:	7.1" x 3.5" x 1.8"
Weight:	0.55 lbs.

### Contents Include:

- 1 Optical power meter
- 3 1.5V Batteries
- 1 AC Adapter
- 1 Instruction manual
- Cotton swabs
- 1 Soft carrying case

### Ordering Information:

FT-OPT-2A	-70 to +6 dBm Measurement range
FT-OPT-2C	-50 to +26 dBm Measurement range

Email: [sales@fibertronixparts.com](mailto:sales@fibertronixparts.com)

Web: [www.fibertronixparts.com](http://www.fibertronixparts.com)