

The FTTX Wide Band Mini Power Meter, OT-2500, is a powerful optical measuring tool which can be used in various optical fiber systems and applications, especially in FTTX field installation and maintenance. With 850, 1310, 1490, 1550 nm calibration wavelength, it is ideal for both single mode and multimode fiber field installation and maintenance.

▷ Features

- Wide band calibrated wavelength with 850, 1310, 1490 and 1550 nm.
- Ideal for both single-mode and multi-mode optical fibers
- Mini size and easy to use, ideal for field application
- Battery-low and auto-off function for saving battery
- Ergonomic, eye-catching handheld package.
- Backlight LCD display

▷ Applications

- FTTX field installation and maintenance
- Fiber insertion loss measurement
- Fiber attenuation measurement
- Fiber network optic power measurement



Mini Power Meter (OT-2500)

Technical Specifications¹

Item/Model	OT-2500
Sensor Type	InGaAs
Wavelength Range	800 to 1800 nm
Power Range ²	+25 to -50 dBm
Uncertainty	±0.2 dB (or ±5%) at -20 dBm
Resolution	0.01 dB
Linearity	±0.05 dB
Optical Connector	SC*
Unit	dBm
Calibrated Wavelength	850, 1310, 1490, 1550 nm

* FC/ST/LC/MU and other optical connectors are optional.

General Specifications

Size:	120 mm (L) x 60 mm (W) x 25 mm (H)
Weight:	200 g
Battery Power :	15 hours (typical) — Power meter operation.
Temperature:	Operation: 0 to + 50 °C Storage: -20 to + 60 °C
Humidity:	0 to 85% RH (Non-condensing)

Notes:

1. Measured at 23±2 °C, and follows Telecordia Technical Reference process
2. Coupled into 9/125 μm SMF and 62/125 μm MMF.
3. Specifications are subject to change without notice.

Accessories

- a. One strap and bumper
- b. One instruction manual
- c. Two AAA size 1.5 V Alkaline batteries
- d. One SC standard connector adaptor
- e. One calibration certification sheet

