

## Key Features

- » 850, 1300, 1310, 1490, 1550, 1611, 1625nm wavelengths
- » Set reference/zero functionality
- » Audible tone alert from incoming 2kHz signal
- » Accepts all connector styles
- » NIST traceable measurements
- » Single Mode or Multi Mode application
- » Long-lasting battery



Measurement View



Wavelength Indication



## Description

The RP 450 Optical Power Meter measures optical power on fiber optic networks operating at 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1611nm, and 1625nm. These easy-to-use optical power meters provide absolute dBm or dB loss measurements on all optical networks. The RP 450 allows the user to set the incoming signal to a "zero" reference and provide direct loss measurements.

The RP 450 provides an audible alert when the incoming signal is a modulated 2kHz tone. ODM's single mode lasers, multi mode LEDs, or any external 2kHz optical source may generate this incoming tone. This feature is very useful for quick fiber identification of fiber under test at the field location. Use the RP 450 to check the output at the patch panel or wall outlet in the premise, telecom or broadband market. Connection to the fiber under test is made via the included universal 2.5 mm adapter. Additional connector adapter styles are available.

The RP 450 is available with different detector types based on the necessary measurement range for the optical network under test. See Specifications table for information on detector types and measurement capabilities.



RP 450 with LFI 110 Accessory

## Specifications

Wavelength Range	850nm to 1650nm
Selectable Wavelengths	850, 1300, 1310, 1490, 1550, 1611, 1625
Measurement Range	RP 450-02: +6 to -70dBm RP 450-04: +23 to -45dBm
Resolution	0.01dB
Absolute Accuracy	+/- 0.25dB
Detector Type	RP 450-02: InGaAs RP 450-04: Filtered InGaAs
Optical Interface	Universal 2.5mm (Other adapters available)
Tone Identification	2kHz Incoming Signal - Audible Alert
Power On	Push Button ON, Auto-off
Dimensions	6.1x.94x.75 in. (15.5x2.38x1.90cm)
Weight	3.0 oz (8.5g)

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