



# Precision Rated Optics

Work with a PRO!

## PM-501X-VFL

### Power Meter & Visual Fault Locator



- OPM and VFL - Two In One Function
- VFL Output Power Can Be Adjusted
- Easy Operation and Handheld with Carry Case
- Lightweight and Durable, Making it Ideal for FTTH

#### PM-501X-VFL Standard Package Includes:

OMP/VFL, SC & ST Interchangeable Adapters, User Manual and/or Software Download Card, 1.5V AA Batteries (qty 3), Cotton Swabs, Soft Carrying Case

#### Ordering Information

PM-501A-VFL	Power Meter (-70 dBm ~ +6 dBm) with Visual Fault Locator (1mW, 5mW, 10 mW)
PM-501B-VFL	Power Meter (-50 dBm ~ +26 dBm) with Visual Fault Locator (1mW, 5mW, 10 mW)

The PM-501X-VFL from PRO combines an Optical Power Meter and Visual Fault Finder in one easy to use unit, reducing the need to carry two different testing tools and lowering costs.

The VFL has three different output power settings so it's like having 3 VFL's in one unit *plus a power meter*. The PM-501A-VFL power meter has a broad measuring of -50 dBm ~ +26 dBm, and PM-501B-VFL power meter function has a broad measuring range of -70 dBm ~ +6 dBm. It can measure the 6 most commonly used fiber optic wavelengths.

#### SPECIFICATIONS

Optical Power Meter Module	
Detector Type	InGaAs
Measurement Range(dBm)	PM-501A-VFL
	-70~+6
Uncertainty	PM-501B-VFL
	-50~+26
Uncertainty	5%
Calibrated wavelengths(nm)	850,1300,1310,1490,1550,1625
Resolution(dB)	0.01
Optical Connector	FC/SC/2.5mm universal, for LC we provide FC-LC Hybrid adapter
Visual Fault Locator	
Wavelength(nm)	650±10
Output power(mW)	Can be adjusted at 1mW, 5mW, 10mW
Uncertainty	±0.3
General Specifications	
Power Supply	Alkaline Battery (3 AA 1.5V batteries)
Auto-off time	10mins
Operating Temperature	14°F ~ 140°F (-10°C ~ +60°C)
Storage Temperature	-13°F ~ 150°F (-25°C ~ +70°C)
Dimension	7.87 x 3.54 x 1.97in (200 x 90 x 50mm)