



The Harris OPM-15A and OPM-15B optical power meters are compact, lightweight and easy-to-use testing instrument for optic fiber networks with unique characteristics of quick testing. This unit is widely favored for its quality, value, reliability, accuracy and safety.

The pocketsize OPM-15 can support accurate testing of single mode and multimode optical fiber systems, with features of large LCD display, damp and shock proof design and dual-way powering system. The internal microprocessor and linear amplifier technology ensure the long-time accuracy.

Ideal for laboratory and field applications by using concise function keys to implement quick high accuracy testing. In laboratories, LANs, WANs, and CATV systems, and long-distance optical network, the Optical Power Meter together with Harris' Stabilized Laser Sources, can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

## FEATURES

- Pocketsize, large easy to read LCD display, easy to use
- Fast response, no warm up
- Measure up to six wavelengths through a single connector
- Direct loss measurement units in dB
- Absolute power measurement units in dBm
- Interchangeable fibre-optic adapters (choice of FC, SC, or ST)
- Dual-way powering system
- Damp, dust and shock proof design, ideal for field operation
- Auto off function conserving battery life
- CE, FCC certificates

## SPECIFICATIONS

Specifications and designs are subject to change without notice.

### Optical Power Meter Module

Detector Type	InGaAs
Measurement Range	-70 to +10 dBm (OPM-15A) -50 to +27 dBm (OPM-15B) -60 to +27 for 850 nm (both models)
Calibrated Wavelength	850, 1300, 1310, 1490, 1550 nm
Functions	W/ $\mu$ W/dBm/dB(REF)
Range of Use	Single/multiple mode fiber
Connector Type	FC/PC
Accuracy	$\pm 0.25$ dB (5%) at 25°C and -10dBm
Resolution	0.01 dB
Auto Shut Off	5 minutes after last key has been pressed

### General

Power Supply	9V alkaline battery (not included)
Battery Life	Support $\geq 40$ hrs. (Typical operation with 9V Alkaline)
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Relative Humidity	0 to 95% (non-condensing)
Weight	0.66 lbs. (300 g)
Dimensions (H x W x T)	5.7" x 2.9" x 1.0" (145 x 75 x 25 mm)

### Standard Accessories

Rubber Boot  
CE Certificate  
Certificate of Calibration  
Operator's Handbook

## ORDERING INFORMATION

OPM-15A	Optical Power Meter with support for a measurement range of -70 to +10 dBm and -60 to +27 for 850 nm
OPM-15B	Optical Power Meter with support for a measurement range of -50 to +27 dBm and -60 to +27 for 850 nm

### Options

AC-FJC-03-FC/FC	3m Patch Cord
AC-ADPT-10-US	AC Adapter with US power plug
AC-ADPT-10-EU	AC Adapter with EURO power plug
AC-ADPT-10-AU	AC Adapter with Australian power plug

AC-ADPT-10-UK	AC Adapter United Kingdom power plug
AC-PB-10	Compact Carrying Softbag
AC-CON-SC-P-300	SC connector for power meter
AC-CON-ST-P-300	ST connector for power meter