

OPTICAL POWER METERS

OM100 SERIES:



OM120 (general purpose power meter)

All of the **Advanced Fiber Solutions** power meters are the perfect tools for measuring optical power, loss (attenuation) and optical return loss in any system, it is just a matter of picking the right instrument for the application. All meters are calibrated at industry standard wavelengths (NIST traceable) for both single-mode and multimode transmitters. All detectors are potted in a threaded housing for versatility and allows the user to interchange adaptors for numerous connector types. The OM100 series meters are a low cost series of power meters for the technician who wants a high performance meter.

OM100 series specifications:

	OM110	OM120	OM130
Applications	Multimode, Premise and Plastic	Single-mode, Multimode, Outside plant and Premise	Multimode, Premise, Long wavelengths, CATV
Detector	3mm. Silicon	1mm. Germanium	Hi Power Germanium
Calibrated wavelengths	665/790/850	850/1300/1310/1550	1310/1550
Dynamic range	+3.0/-55.0		+20.0/-35.0
Accuracy	+/- 0.2 dB (NIST Traceable)		
Measurement Units	dBm (absolute) - dB (relative)		
Resolution	0.1 dB		
Controls	5 Soft Buttons		
Buttons	On/Off, Backlight, λ , dB-dBm, Zero Reference		
Power	2AA Batteries or AC Power Converter		
Low Battery Indicator	Yes		
Display	Graphical LCD with Backlight		
Adaptor Options	ST, SC, FC, 2.5mm Universal, LC and 1.25mm Universal		
Auto-Shutdown	Yes		
Enclosure Size	Compact Handheld (L-4.94"/W-2.75"/H-1.2")		
Operation Temperature	-10°C to +50°C (45% Hum, non condensing)		
Storage Temperature	-20°C to +60°C (75% Hum, non condensing)		