

**OM220 (GENERAL PURPOSE)****SPECIFICATIONS, KEY FEATURES AND APPLICATIONS**

Applications	-----	Multimode, Single-mode, outside plant and Premise
Detector Type	-----	2mm Germanium in modular housing
Calibrated Wavelength ( $\lambda$ )	-----	850nm, 1300nm, 1310nm & 1550nm
Accuracy	-----	+/- 0.2 dB (NIST Traceable)
Measurement Units	-----	dBm (absolute) – dB (relative)
Resolution	-----	0.1 dB or 0.01 user selectable
Dynamic Range	-----	+3 dBm to –55 dBm
Storage	-----	500 Readings with time and date stamp
Serial Interface	-----	Yes
PC software	-----	Advanced Fiber Solutions Documentation Software
Controls	-----	7 Soft Button controls
Buttons	-----	On/Off, Backlight, $\lambda$ ↑(Up), dB-dBm/↓(Down), Zero Reference/Select, Save/Delete, Test/Results
Zero Reference	-----	Yes
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")
Operating Temp	-----	-10°C to +50°C (45% Hum, non condensing)
Storage Temp	-----	-20°C to +60°C (75% Hum, non condensing)

**OM220 APPLICATIONS:**

The OM220 is a general-purpose power meter suitable for a both premise and outside plant applications. These units are ideal for measurement of optical power and optical loss/attenuations in a fiber optic network. When paired with an OS400 series source the OM200 series meters are ideal for single-mode (OS430 laser source) or multimode (OS420 LED source) applications.



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*Advanced Fiber Solutions reserves the right to make engineering improvements or changes without notice.*