

Table 2-2 Specifications

		Optical Power Meter ML93A			
Sensor	Model	MA95A	MA96A	MA97A	MA98A
	Wavelength range	0.38 to 1.15 μm	0.75 to 1.8 μm	0.38 to 1.15 μm	0.75 to 1.8 μm
	Element	Si photo diode	Ge photo diode	Si photo diode	Ge photo diode
	Active area diameter	—	—	D = 11.3 mm	D = 5 mm
	Input type	connector		Photo diode	
	Dimensions and weight	65 ϕ , 85 L mm \leq 0.7kg		35 ϕ , 27L mm \leq 0.1 kg	
Indicator	Model	ML93A			
	Display	Selection among Watts/dBm/dB (REL) Four digits and a small analog meter			
	Calibration coefficient	Front-panel adjustment			
	Recorder output	For each range, 1V corresponding to full-scale and 0.316V to -5dB			
	Relative value display	Digital 4 digits			
	Averaging	ON/OFF switchable			
	Dimensions and weight	282W, 99H, 200D mm \leq 3.5 kg			
Overall	Power measuring range	-90 to 0 dBm (at 0.85 μm) 9 ranges	-80 to 0 dBm (at 1.3 μm) 8 ranges	-65 to +10 dBm (at 0.85 μm) 7 ranges	-40 to +10 dBm (at 1.3 μm) 5 ranges
	Accuracy	$\pm 5\%$ (0.85 μm , -10 dBm)	$\pm 5\%$ (1.3 μm , -10 dBm)	$\pm 5\%$ (0.85 μm , -10 dBm)	$\pm 5\%$ (1.3 μm , -10 dBm)
	Resolution	Watts display: 0.1 to 1% dBm display : 0.01 dB			
	Power	** V $\pm 10\%$, 50/60 Hz, ≤ 20 VA or Battery Pack MZ95A			