



MODEL APM-16 AVERAGE-READING POWER METER — Portable Wattmeters

- Power Range** 1 W to 1000 W
- Frequency Range** 2 MHz to 2.3 GHz
- Accuracy** 10° to 35° C ±4% reading, ±1% full scale,
-20° to 50° C ±6% reading, ±2% full scale
- Peak/Avg. Ratio** In excess of 10 dB
- Insertion VSWR** (with N connector) 1.05 max. to 1000 MHz
- Setting Time** < 1 second
- Meter** Shock mounted, linear scale with expanded scales of 25, 50 and 100 for full scale 1 to 1000 W readings. Mirrored scale includes 5% overrange.
- Temp. Ranges** -20° to 50° C operating; -25° to 65° C storage
- Humidity** 95% ±5% max. (noncondensing)
- Battery** Internal 9 volt
- Connectors** QC type (Female N normally supplied)
- Nominal Size** 6 7/8" H x 5 1/8" W x 3 5/8" D, (175 mm x 130 mm x 92 mm)
- Weight** 3 lbs. (1.4 kg)
- Elements** Special APM Series (below)
- Recommended Accessories** Case (page 39)



APM-16 Elements

Power Range	Frequency Bands (MHz)								
	2-30	25-60	50-125	100-250	200-500	400-1000	950-1260	1100-1800	2200-2300
1W	—	—	APM-1B	APM-1C	—	APM-1E	APM-1J	—	APM-1M
2.5W	—	—	APM-2.5B	—	APM-2.5D	APM-2.5E	APM-2.5J	APM-2.5K	—
5 W	APM-5H	APM-5A	APM-5B	APM-5C	APM-5D	APM-5E	APM-5J	APM-5K	—
10 W	APM-10H	APM-10A	APM-10B	APM-10C	APM-10D	APM-10E	APM-10J	APM-10K	—
25 W	—	—	APM-25B	APM-25C	APM-25D	APM-25E	—	APM-25K	—
50 W	—	—	—	APM-50C	APM-50D	APM-50E	APM-50J	APM-50K	—
100 W	APM-100H	APM-100A	APM-100B	APM-100C	APM-100D	APM-100E	APM-100J	—	—
250 W	APM-250H	APM-250A	APM-250B	APM-250C	APM-250D	APM-250E	—	—	—
500 W	APM-500H	—	APM-500B	APM-500C	APM-500D	APM-500E	—	—	—
1000 W	APM-1000H	—	APM-1000B	APM-1000C	—	APM-1000E	—	—	—



0.45 - 2700 MHz, Model 4521, 4522, and 4526 — Panel-Mount Wattmeters

- Models** 4521, 4522, 4526
- Power Range** 100 mW to 10 kW using Bird Plug-in Elements
- Frequency Range** 450 kHz to 2.7 GHz (depending on element)
- Insertion VSWR** with N Connectors 1.05 max. to 1000 MHz
- Accuracy** ±5% of full scale
- Connectors** QC Type (Female N normally supplied)
- Finish** Gray powder coat
- Nominal Size** 19" W x 5 7/32" H x 1 11/16" D (483 mm x 133 mm x 43 mm)
- Weight** 3 1/2 lbs. (1.6 kg)
- Elements** Tables 1, 2, 3, 3A, 4, 6 (pages 33-34)



*Applies only when coupling is less than 30 dB

**Quoted accuracy only when used with other Bird Products