

Giga-tronics CW Power Sensor Selection Guide

	Frequency Range/ Power Range	Maximum Power	Power Linearity ¹ (Frequency > 8 GHz)	RF Connector	Length	Diameter	Weight	VSWR
200 mW CW Power Sensors								
80301A	10 MHz to 18 GHz -70 to +20 dBm	+23 dBm (200 mW)	-70 to -20 dBm: ±0.00 dB -20 to +20 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	114.5 mm (4.5 in)	32 mm (1.25 in)	0.18 kg (0.4 lb)	1.12: 0.01 - 2 GHz 1.22: 2 - 12.4 GHz
80302A	10 MHz to 18 GHz -70 to +20 dBm	+23 dBm (200 mW)	-70 to -20 dBm: ±0.00 dB -20 to +20 dBm: ±0.05 dB/10 dB	APC-7 50Ω	114.5 mm (4.5 in)	32 mm (1.25 in)	0.18 kg (0.4 lb)	1.29: 12.4 - 18 GHz
80303A	10 MHz to 26.5 GHz -70 to +20 dBm	+23 dBm (200 mW)	-70 to -20 dBm: ±0.00 dB -20 to +20 dBm: ±0.1 dB/10 dB	Type K(m) ¹ 50Ω	114.5 mm (4.5 in)	32 mm (1.25 in)	0.18 kg (0.4 lb)	1.12: 0.01 - 2 GHz 1.22: 2 - 12.4 GHz
80304A	10 MHz to 40 GHz -70 to 0 dBm	+23 dBm (200 mW)	-70 to -20 dBm: ±0.00 dB -20 to 0 dBm: ±0.2 dB/10 dB	Type K(m) ¹ 50Ω	114.5 mm (4.5 in)	32 mm (1.25 in)	0.18 kg (0.4 lb)	1.38: 12.4 - 18 GHz 1.43: 18 - 26.5 GHz 1.92: 26.5 - 40 GHz
Low VSWR CW Power Sensors								
80310A	10 MHz to 18 GHz -64 to +26 dBm	+29 dBm (800 mW)	-64 to -14 dBm: ±0.00 dB -14 to +26 dBm: ±0.05 dB/10 dB	Type K(m) ¹ 50Ω	127 mm (5.0 in)	32 mm (1.25 in)	0.23 kg (0.5 lb)	1.13: 0.01 - 2 GHz 1.16: 2 - 12 GHz
80313A	10 MHz to 26.5 GHz -64 to +26 dBm	+29 dBm (800 mW)	-64 to -14 dBm: ±0.00 dB -14 to +26 dBm: ±0.1 dB/10 dB					1.23: 12 - 18 GHz 1.29: 18 - 26.5 GHz
80314A	10 MHz to 40 GHz -64 to +6 dBm	+29 dBm (800 mW)	-64 to -14 dBm: ±0.00 dB -14 to +6 dBm: ±0.2 dB/10 dB					1.50: 26.5 - 40 GHz
1 W CW Power Sensors								
80320A	10 MHz to 18 GHz -60 to +30 dBm	+30 dBm (1 W)	-60 to -10 dBm: ±0.00 dB -10 to +30 dBm: ±0.05 dB/10 dB	Type K(m) ¹ 50Ω	127 mm (5.0 in)	32 mm (1.25 in)	0.23 kg (0.5 lb)	1.11: 0.01 - 2 GHz 1.12: 2 - 12 GHz
80323A	10 MHz to 26.5 GHz -60 to +30 dBm	+30 dBm (1 W)	-60 to -10 dBm: ±0.00 dB -10 to +30 dBm: ±0.1 dB/10 dB					1.18: 12 - 18 GHz 1.22: 18 - 26.5 GHz
80324A	10 MHz to 40 GHz -60 to +10 dBm	+30 dBm (1 W)	-60 to -10 dBm: ±0.00 dB -10 to +10 dBm: ±0.2 dB/10 dB					1.36: 26.5 - 40 GHz
5 W CW Power Sensor ²								
80321A	10 MHz to 18 GHz -50 to +37 dBm	+37 dBm (5 W)	-50 to 0 dBm: ±0.00 dB 0 to +37 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	150 mm (5.9 in)	32 mm (1.25 in)	0.23 kg (0.5 lb)	1.20: 0.01 - 6 GHz 1.25: 6 - 12.4 GHz 1.35: 12.4 - 18 GHz
25 W CW Power Sensor ³								
80322A	10 MHz to 18 GHz -40 to +44 dBm	+44 dBm (25 W)	-40 to +10 dBm: ±0.00 dB +10 to +44 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	230 mm (9.0 in)	104 mm (4.1 in)	0.3 kg (0.6 lb)	1.20: 0.01 - 6 GHz 1.30: 6 - 12.4 GHz 1.40: 12.4 - 18 GHz
50 W CW Power Sensor ³								
80325A	10 MHz to 18 GHz -40 to +47 dBm	+47 dBm (50 W)	-40 to +10 dBm: ±0.00 dB +10 to +47 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	230 mm (9.0 in)	104 mm (4.1 in)	0.3 kg (0.6 lb)	1.25: 0.01 - 6 GHz 1.35: 6 - 12.4 GHz 1.45: 12.4 - 18 GHz

Giga-tronics Peak Power Sensor Selection Guide

	Frequency Range/ Power Range	Maximum Power	Power Linearity ¹ (Frequency > 8 GHz)	RF Connector	Length	Diameter	Weight	VSWR
200 mW Peak Power Sensors								
80350A	45 MHz to 18 GHz -20 to +20 dBm, Peak -30 to +20 dBm, CW	+23 dBm (200 mW) CW or Peak	-30 to -20 dBm: ±0.00 dB -20 to +20 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	165 mm (6.5 in)	37 mm (1.25 in)	0.3 kg (0.7 lb)	1.12: 0.045 - 2 GHz 1.22: 2 - 12.4 GHz 1.37: 12.4 - 18 GHz
80353A	45 MHz to 26.5 GHz -20 to +20 dBm, Peak -30 to +20 dBm, CW	+23 dBm (200 mW) CW or Peak	-30 to -20 dBm: ±0.00 dB -20 to +20 dBm: ±0.1 dB/10 dB	Type K(m) ¹ 50Ω	165 mm (6.5 in)	37 mm (1.25 in)	0.3 kg (0.7 lb)	1.50: 18 - 26.5 GHz 1.92: 26.5 - 40 GHz
80354A	45 MHz to 40 GHz -20 to +0.0 dBm, Peak -30 to +0.0 dBm, CW	+23 dBm (200 mW) CW or Peak	-30 to -20 dBm: ±0.00 dB -20 to 0.0 dBm: ±0.2 dB/10 dB	Type K(m) ¹ 50Ω	165 mm (6.5 in)	37 mm (1.25 in)	0.3 kg (0.7 lb)	
5 W Peak Power Sensor ^{5,7}								
80351A	45 MHz to 18 GHz 0 to +40 dBm, Peak -10 to +37 dBm, CW	CW: +37 dBm (5 W Average) Peak: +43 dBm	-10 to +0 dBm: ±0.00 dB 0.0 to +40 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	200 mm (7.9 in)	37 mm (1.25 in)	0.3 kg (0.7 lb)	1.15: 0.045 - 4 GHz 1.25: 4 - 12.4 GHz 1.35: 12.4 - 18 GHz
25 W Peak Power Sensor ^{6,7}								
80352A	45 MHz to 18 GHz +10 to +50 dBm, Peak 0.0 to +44 dBm, CW	CW: +44 dBm (25 W Average) Peak: +53 dBm	0.0 to +10 dBm: ±0.00 dB +10 to +50 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	280 mm (11.0 in)	104 mm (4.1 in)	0.3 kg (0.7 lb)	1.20: 0.045 - 6 GHz 1.30: 6 - 12.4 GHz 1.40: 12.4 - 18 GHz
50 W Peak Power Sensor ^{6,7}								
80355A	45 MHz to 18 GHz +10 to +50 dBm, Peak 0.0 to +47 dBm, CW	CW: +47 dBm (50 W Average) Peak: +53 dBm	0.0 to +10 dBm: ±0.00 dB +10 to +50 dBm: ±0.05 dB/10 dB	Type N(m) 50Ω	280 mm (11.0 in)	104 mm (4.1 in)	0.3 kg (0.7 lb)	1.25: 0.045 - 6 GHz 1.35: 6 - 12.4 GHz 1.45: 12.4 - 18 GHz

Giga-tronics Bridge Selection Guide

	Frequency Range/ Power Range	Maximum Power	Power Linearity ⁴ (Frequency > 8 GHz)	Input	Test Port	Directivity	Weight	VSWR
Precision CW Return Loss Bridges								
80501	10 MHz to 18 GHz -35 to +20 dBm	+27 dBm (0.5 W)	-35 to +10 dBm: ±0.1 dB +10 to +20 dBm: ±0.1 dB ±0.005 dB/dB	Type N(f) 50Ω	Type N(f) 50Ω	38 dB	0.340 kg	< 1.17: 0.01 - 8 GHz < 1.27: 8 - 18 GHz
80502	10 MHz to 18 GHz -35 to +20 dBm	+27 dBm (0.5 W)	-35 to +10 dBm: ±0.1 dB +10 to +20 dBm: ±0.1 dB ±0.005 dB/dB	Type N(f) 50Ω	APC-7(f) 50Ω	40 dB	0.340 kg	< 1.13: 0.01 - 8 GHz < 1.22: 8 - 18 GHz
80503	10 MHz to 26.5 GHz -35 to +20 dBm	+27 dBm (0.5 W)	-35 to +10 dBm: ±0.1 dB +10 to +20 dBm: ±0.1 dB ±0.005 dB/dB	SMA(f) 50Ω	SMA(f)	35 dB	0.340 kg	< 1.22: 0.01 - 18 GHz < 1.27: 18 - 26.5 GHz
80504	10 MHz to 40 GHz -35 to +20 dBm	+27 dBm (0.5 W)	-35 to +10 dBm: ±0.1 dB +10 to +20 dBm: ±0.1 dB ±0.005 dB/dB	Type K(f) 50Ω	Type K(f) 50Ω	30 dB	0.198 kg	< 1.35: 0.01 - 26.5 GHz < 1.44: 26.5 - 40 GHz

Giga-tronics Modulation Power Sensor Selection Guide ($f_m \leq 40$ kHz)

	Frequency Range/ Power Range	Maximum Power	Power Linearity ¹ (Frequency > 8 GHz)	RF Connector	Length	Diameter	Weight	VSWR
200 mW Modulation Power Sensors								
80401A	10 MHz to 18 GHz -67 to +20 dBm	+23 dBm (200 mW)	-67 to -20 dBm: ± 0.00 dB -20 to +20 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	114.5 mm (4.5 in)	32 mm (1.25 in)	0.18 kg (0.4 lb)	1.12: 0.01 - 2 GHz 1.22: 2 - 12.4 GHz 1.29: 12.4 - 18 GHz
80402A	10 MHz to 18 GHz -67 to +20 dBm	+23 dBm (200 mW)	-67 to -20 dBm: ± 0.00 dB -20 to +20 dBm: ± 0.05 dB/10 dB	APC-7 50 Ω				
Low VSWR Modulation Power Sensor								
80410A	10 MHz to 18 GHz -64 to +26 dBm	+29 dBm (800 mW)	-64 to -14 dBm: ± 0.00 dB -14 to +26 dBm: ± 0.05 dB/10 dB	Type K ¹ (m) 50 Ω	127 mm (5.0 in)	32 mm (1.25 in)	0.23 kg (0.5 lb)	1.13: 0.01 - 2 GHz 1.16: 2 - 12 GHz 1.23: 12 - 18 GHz
1 W Modulation Power Sensor								
80420A	10 MHz to 18 GHz -57 to +30 dBm	+30 dBm (1 W)	-57 to -10 dBm: ± 0.00 dB -10 to +30 dBm: ± 0.05 dB/10 dB	Type K ¹ (m) 50 Ω	127 mm (5.0 in)	32 mm (1.25 in)	0.23 kg (0.5 lb)	1.11: 0.01 - 2 GHz 1.12: 2 - 12 GHz 1.18: 12 - 18 GHz
5 W Modulation Power Sensor ²								
80421A	10 MHz to 18 GHz -47 to +37 dBm	+37 dBm (5 W)	-47 to 0 dBm: ± 0.00 dB 0 to +37 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	150 mm (5.9 in)	32 mm (1.25 in)	0.23 kg (0.5 lb)	1.20: 0.01 - 6 GHz 1.25: 6 - 12.4 GHz 1.35: 12.4 - 18 GHz
25 W Modulation Power Sensor ³								
80422A	10 MHz to 18 GHz -37 to +44 dBm	+44 dBm (25 W)	-37 to +10 dBm: ± 0.00 dB +10 to +44 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	230 mm (9.0 in)	104 mm (4.1 in)	0.3 kg (0.6 lb)	1.20: 0.01 - 6 GHz 1.30: 6 - 12.4 GHz 1.40: 12.4 - 18 GHz
50 W Modulation Power Sensor ³								
80425A	10 MHz to 18 GHz -34 to +47 dBm	+47 dBm (50 W)	-34 to +10 dBm: ± 0.00 dB +10 to +47 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	230 mm (9.0 in)	104 mm (4.1 in)	0.3 kg (0.6 lb)	1.25: 0.01 - 6 GHz 1.35: 6 - 12.4 GHz 1.45: 12.4 - 18 GHz

Giga-tronics Modulation Power Sensor Selection Guide ($f_m \leq 1.5$ MHz)

	Frequency Range/ Power Range	Maximum Power	Power Linearity ¹ (Frequency > 8 GHz)	RF Connector	Length	Diameter	Weight	VSWR
200 mW Modulation Power Sensors								
80601A	10 MHz to 18 GHz -67 to +20 dBm, CW	+23 dBm (200 mW)	-67 to -20 dBm: ± 0.00 dB -20 to +20 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	137 mm (5.39 in)	41 mm (1.62 in)	0.23 kg (0.5 lb)	1.12: 0.01 - 2 GHz 1.22: 2 - 12.4 GHz 1.29: 12.4 - 18 GHz
5 W Modulation Power Sensor ^{5,7}								
80621A	10 MHz to 18 GHz -47 to +37 dBm	+37 dBm (5 W)	-47 to 0 dBm: ± 0.00 dB 0 to +37 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	175 mm (6.90 in)	41 mm (1.62 in)	0.28 kg (0.6 lb)	1.20: 0.01 - 6 GHz 1.25: 6 - 12.4 GHz 1.35: 12.4 - 18 GHz

Giga-tronics Modulation Power Sensor Selection Guide ($f_m \leq 10$ MHz)

	Frequency Range/ Power Range	Maximum Power	Power Linearity ¹	RF Connector	Length	Diameter	Weight	VSWR
200 mW Modulation Power Sensor								
80701A (Requires Option 12)	50 MHz to 18 GHz -64 to +20 dBm, CW 250 MHz to 18 GHz -60 to +20 dBm, Modulation	+23 dBm (200 mW)	Frequency > 8 GHz -60 to -20 dBm: ± 0.00 dB -20 to +20 dBm: ± 0.05 dB/10 dB Frequency < 500 MHz -60 to -20 dBm: ± 0.00 dB -20 to +20 dBm: ± 0.05 dB/10 dB	Type N(m) 50 Ω	120 mm (4.72 in)	27 mm (1.06 in)	0.10 kg (0.2 lb)	1.12: 0.01 - 2 GHz 1.22: 2 - 12.4 GHz 1.29: 12.4 - 18 GHz

Giga-tronics True RMS Sensors Selection Guide ($f_m > 1.5$ MHz)

	Frequency Range/ Power Range	Maximum Power	Power Linearity ¹ (Frequency > 8 GHz)	RF Connector	Length	Diameter	Weight	VSWR
True RMS Sensors (-30 dBm to +20 dBm)								
80330A	10 MHz to 18 GHz	+33 dBm (2 W)	-30 to +20 dBm: ± 0.00 dB	Type K(m) ¹ 50 Ω	152 mm (6.0 in)	32 mm (1.25 in)	0.27 kg (0.6 lb)	1.12: 0.01 - 12 GHz 1.15: 12 - 18 GHz 1.18: 18 - 26.5 GHz 1.29: 26.5 - 40 GHz
80333A	10 MHz to 26.5 GHz							
80334A	10 MHz to 40 GHz							

Sensor Calibration Factor Uncertainties

Frequency (GHz)		Root Sum of Squares (RSS) Uncertainties(%) ⁸								
		80301A								80321A ⁹
		80302A								80322A ⁹
		80350A								80325A ⁹
		80401A	80303A	80310A	80320A					80421A ⁹
		80402A	80304A	80313A	80323A	80422A ⁹	80330A	80351A ⁹		
		80601A	80353A	80314A	80324A	80425A ⁹	80333A	80352A ⁹		
Lower	Upper	80701A	80354A	80410A	80420A	80621A ⁹	80334A	80355A ⁹		
Min	1	1.04	1.64	1.58	1.58	4.54	1.58	4.92		
	2	1.20	1.73	1.73	1.73	4.67	1.73	5.04		
	4	1.33	1.93	1.91	1.91	4.89	1.90	7.09		
	6	1.41	2.03	2.02	2.01	5.01	2.01	7.17		
	8	1.52	2.08	2.07	2.06	5.12	2.06	7.25		
	12.4	1.92	2.55	2.54	2.53	5.56	2.53	7.56		
	18	2.11	2.83	2.80	2.79	5.89	2.78	12.37		
	26.5	—	3.63	3.68	3.62	—	3.59	—		
	40	—	6.05	5.54	5.39	—	5.30	—		

¹ The K connector is electrically and mechanically compatible with the APC-3.5 and SMA connectors. Note: Use a Type N(m) to SMA(f) adapter (part no. 29835) for calibration of power sensors with Type K(m) connectors. ² Power coefficient equals <0.01 dB/Watt. ³ Power coefficient equals <0.015 dB/Watt. ⁴ For frequencies above 8 GHz, add power linearity to system linearity. ⁵ Power coefficient equals <0.01 dB/Watt (Average). ⁶ Power coefficient equals <0.015 dB/Watt (Average). ⁷ Peak operating range above CW maximum range is limited to <10% duty cycle. ⁸ Square root of the sum of the individual uncertainties squared (RSS). ⁹ Cal Factor numbers allow for 3% repeatability when reconnecting an attenuator to a sensor and 3% for attenuator measurement uncertainty and mismatch of sensor/pad combination.

8650A Series Universal Power Meter Specifications

Specifications describe the instrument's warranted performance, and apply when using the 80300A, 80400A, 80600A, and 80700A Series Sensors.

METER

Frequency Range: 10 MHz to 40 GHz ¹⁰

Power Range: -70 dBm to +47 dBm
(100 pW to 50 Watt) ¹⁰

Single Sensor Dynamic Range: ¹⁰

CW Power Sensors: 90 dB

Peak (Pulse) Power Sensors: 40 dB, Peak
50 dB, CW

Modulation Power Sensors: 87 dB, CW
80 dB, MAP/PAP ¹¹
60 dB, BAP ¹¹

Display Resolution: User selectable from
1 dB to 0.001 dB in Log mode, and from 1 to 4
digits of display resolution in Linear mode.

Meter Functions

Measurement Modes (Sensors):

CW (80300A, 80350A, 80400A, 80600A, and
80700A Series)

Peak (80350A Series)

MAP/PAP/BAP ¹¹ (80400A, 80600A, and 80700A Series)

Averaging: User selectable, auto-averaging or
manual from 1-512 readings. Timed averaging from
20 ms to 20 seconds.

dB Rel and Offset: Power display can be
offset by -99.999 to +99.999 dB to account for
external loss/gain.

Configuration Storage Registers:

Allows up to 20 front panel setups.

Power Measurements and Display

Configurations: Any two of the following
channel configurations, simultaneously:

A, B, A/B, B/A, A-B, B-A, DLYA, DLYB

Number of Display Lines: 4

Sampling:

CW and Modulation Mode: 2.5 to 5 MHz asynchronous

Analog Bandwidth:

CW Mode: ≥ 3 kHz

Modulation Mode: > 10 MHz

Time Gating:

Trigger Delay: 0 to 327 ms

Gate Time: 10 μ s to 327 ms

Holdoff Time: 0 to 327 ms

ACCURACY

50 MHz Calibrator: (Standard)

Calibrator: +20 dBm to -30 dBm
power sweep calibration signal to dynamically
linearize the power sensors.

Connector: Type N, 50 Ω

Frequency: 50 MHz, nominal

0.0 dBm Accuracy: $\pm 1.2\%$ worst case for
one year, over temperature range of 5° to 35°C.

VSWR: < 1.05 (Return Loss > 33 dB) @ 0 dBm.

1 GHz Calibrator: (Option 12)

Required for 80700A Series Sensors.

Calibrator: +20 dBm to -30 dBm
power sweep calibration signal to dynamically
linearize power sensors.

Connector: Type N, 50 Ω

Frequency: (Switchable): 1 GHz, nominal;
50 MHz, nominal

0.0 dBm Accuracy: $\pm 1.2\%$ worst case for
one year, over temperature range of 5° to 35°C.

VSWR: < 1.07 (Return Loss > 30 dB) @ 0 dBm.

800 MHz - 1 GHz Synthesizer

Specifications: (Option 12)

Power Range: +15 dBm to -30 dBm, settable in
1 dB steps.

Frequency: 800 MHz to 1 GHz, settable in
1 MHz steps.

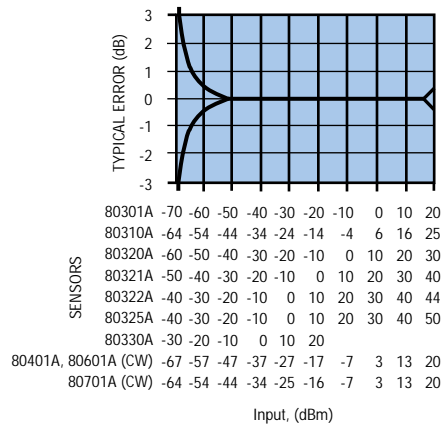
Power Stability: < 0.1 dB/Hour

Frequency Accuracy: $\pm 0.05\%$

Instrumentation Linearity:

± 0.02 dB over any 20 dB range from
-70 to +16 dBm. ¹⁵

± 0.02 dB + (± 0.05 dB/dB) from +16 to +20 dBm.
 ± 0.04 dB from -70 to +16 dBm.



Graph shows linearity plus worst case zero set, and noise versus input power

Temperature Coefficient of

Linearity: $< 0.3\%/^{\circ}\text{C}$ temperature change following
Power Sweep calibration. 24 hour warm-up required.

Zeroing Accuracy: (CW)

Zero Set: ¹² $< \pm 50$ pW, $< \pm 100$ pW with
80400A and 80600A Series Modulation Power Sensors.
 $< \pm 200$ pW with 80700A Series Sensors.

Zero Drift: ¹² $< \pm 100$ pW during 1 hour,
 $< \pm 200$ pW with 80400A and 80600A Series Sensors,
 $< \pm 400$ pW with 80700A Series Sensors.

Noise: $< \pm 50$ pW, $< \pm 100$ pW with 80400A
and 80600A Series Modulation Power Sensors.

$< \pm 200$ pW with 80700A Series Sensors.
Measurable over any 1 minute interval after zeroing,
3 standard deviations.

REMOTE INPUTS/OUTPUTS

V Prop F Input (BNC): Sets calibration factors
using source VpropF output. ¹³

Analog Output (2) (BNC): Provides an output
voltage of 0 to 10V for Channels 1 and 2 in
either Lin or Log units. ¹³ Does not operate in Swift
or Buffered modes.

Trigger Input (BNC): TTL trigger input signal
for Swift and Fast Buffered modes.

GPIB Interface: IEEE-488 and IEC-625 remote
programming

RS232 Interface: Programmable serial interface,
DB-9 connector

GENERAL SPECIFICATIONS

Temperature Range:

Operating: 0° to 55°C (+32° to +131°F)¹⁴

Storage: -40° to 70°C (-40° to +158°F)

Power Requirements:

100/120/220/240V $\pm 10\%$,

48 to 440 Hz, 25VA typical

Physical Characteristics:

Dimensions: 215 mm (8.4 in) wide,
89 mm (3.5 in) high, 368 mm (14.5 in) deep

Weight: 4.55 kg (10lbs)

ORDERING INFORMATION

POWER METERS

8651A Single Input Universal Power Meter
(includes 1 sensor cable)

8652A Dual Input Universal Power Meter
(includes 2 sensor cables)

ACCESSORIES

One manual, one power cord.

POWER METER OPTIONS

01 Rack mount kit

03 8651A Rear Panel Sensor and Calibrator Connections

04 8652A Rear Panel Sensor and Calibrator Connections

05 Soft Carry Case

07 Side Mounted Carrying Handle

08 Transit Case, (Includes Soft Carry Case)

09 Dual Rack Mount Kit (with assembly instructions)

10 Dual Rack Mount Kit (factory assembled)

12 1 GHz, 50 MHz Switchable Calibrator

13 8651A Rear Panel Input Connector

14 8652A Rear Panel Input Connectors

¹⁰ Depending on sensor used. ¹¹ MAP (Modulated Average Power),
PAP (Pulse Average Power), BAP (Burst Average Power). ¹² Specified
performance applies with maximum averaging and 24 hour warm-up
at constant temperature. ¹³ Operates in Normal Mode only. ¹⁴ Display
contrast reduces above 50° C. ¹⁵ Does not apply to 80701A Sensor
below 500 MHz.

Specifications subject to change without notice.

Giga-tronics

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