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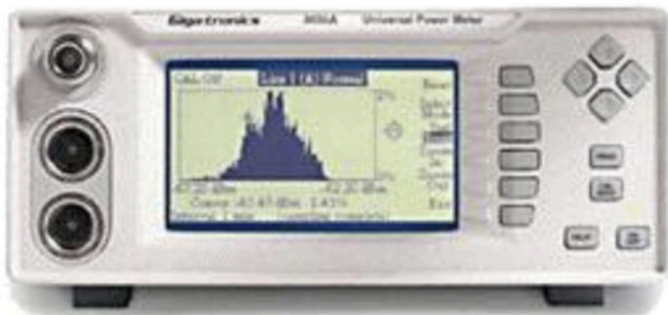
Data Sheet

August 15, 2026

GIGATRONICS

Gigatronics 8652A Dual Channel Power Meter

Giga-tronics 8652A Dual Channel Universal Power Meter The Giga-tronics 8652A is a dual-input universal power meter for CW peak and modulated power. OEM 8650A Series datasheet lists dual sensor inputs, GPIB CW speeds greater than 1750 rdgs/s in Swift mode, 90 dB maximum CW sensor dynamic range, 2.5 to 5 MHz asynchronous sampling, 50 MHz calibrator accuracy 1.2 percent worst case over 5 to 35 C, and chassis 215 × 89 × 368 mm at 4.55 kg. RF and microwave power measurements on CW TDMA GSM and CDMA signals with diode sensors to 40 GHz class. The Giga-tronics 8652A is a dual-input universal power meter for CW peak and modulated power. OEM 8650A Series datasheet lists dual sensor inputs, GPIB CW speeds greater than 1750 rdgs/s in Swift mode, 90 dB maximum CW sensor dynamic range, 2.5 to 5 MHz asynchronous sampling, 50 MHz calibrator accuracy 1.2 percent worst case over 5 to 35 C, and chassis 215 × 89 × 368 mm at 4.55 kg. RF and microwave power measurements on CW TDMA GSM and CDMA signals with diode sensors to 40 GHz class. Built in 50 MHz calibrator A Bratio difference and delay displays



MODEL

Gigatronics 8652A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

8652A

LISTING

<https://aumictechlabs.com/products/8652a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Gigatronics 8652A is a synthesized signal generator designed for a variety of RF and microwave applications. It features a broad frequency range, precise frequency control, and

flexible modulation options, including AM, FM, and pulse modulation. Its stable and accurate signal output makes it suitable for demanding test and measurement scenarios.

8652A Characteristics / Specifications

PARAMETER	VALUE
Model	8652A
Instrument Type	dual channel universal power meter
Sensor Inputs	2
Frequency Range With Sensors	100 kHz to 40 GHz class
Power Range With Sensors	minus 70 to plus 47 dBm class
Gpib Cw Speed Normal	greater than 300 rdgs/s
Gpib Cw Speed Swift	greater than 1750 rdgs/s
Gpib Cw Speed Buffered	greater than 26000 rdgs/s
Gpib Modulated Speed Swift	greater than 300 rdgs/s
Maximum Cw Sensor Dynamic Range	90 dB
Tdma Gsm Modulation Dynamic Range	60 to 80 dB
Cdma Is95 Dynamic Range	80 dB
Wideband Cdma 10 Mhz Dynamic Range	80 dB
Asynchronous Sample Rate	2.5 to 5 MHz
Cw Analog Bandwidth	greater than or equal to 3 kHz
Modulation Analog Bandwidth	greater than 10 MHz
Trigger Delay Range	0 to 327 ms
Gate Time Range	10 us to 327 ms
Averaging Manual	1 to 512 readings
Timed Averaging	20 ms to 20 s
Db Offset Range	minus 99.999 to plus 99.999 dB
Setup Storage Registers	20
Display Lines	4
Calibrator Frequency	50 MHz
Calibrator Accuracy One Year 5 To 35 C	1.2 percent worst case

PARAMETER	VALUE
Calibrator Vswr At 0 Dbm	less than 1.05
Dimensions	215 mmWx 89 mmHx 368 mmDMass: 4.55 kg
Line Power	100/120/220/240 V plus or minus 10 percent 48 to 440 Hz
Bandwidth	greater than or equal to 3 kHz

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes
From Giga-tronics 8650A Series Universal Power Meters datasheet for model 8652A.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.