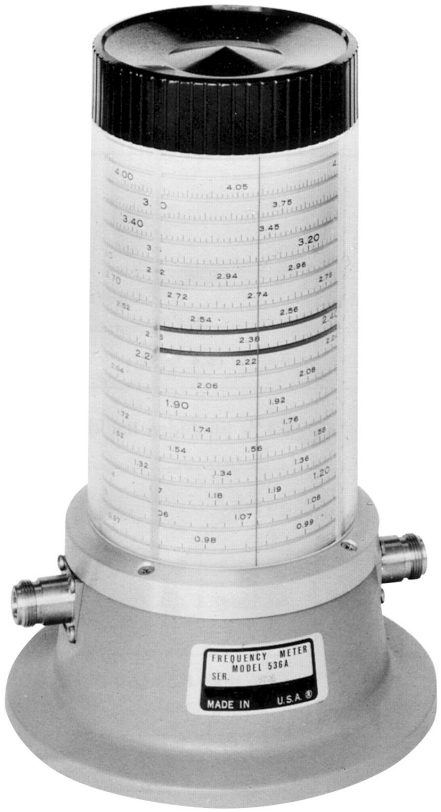
Quick Fact Sheet

Agilent RF & Microwave Frequency Meter

The Agilent 537A direct-reading frequency meter measures frequencies from 3.7 to 12.5 GHz quickly and accurately. Its long scale length and numerous calibration marks provide high resolution. This is particularly useful when measuring frequency differences or small frequency changes. Frequency is read directly in GHz so interpolation or charts are not required.



Agilent 537A

Key features

- Broadband from 3.7 to 12.5 GHz, suitable for military use
- Direct-reading, easy to use, reliable meter measurements with 0.17% accuracy
- High resolution (in calibrated increments of 10 MHz), easy to read dialBuilt-in counter
- No spurious resonances at any setting ensures accuracy
- Rugged design for ease-of-use in the field

Agilent RF & Microwave Frequency Meter

Product specifications

Model	Frequency range	Reflection coefficient	Dial accuracy	Overall accuracy	Minimum dip at resonance	Calibration increment	Connector	Dimensions mm (in)
537A	3.7 to 12.5 GHz	0.33 (2.0 SWR, 9.5 dB return loss)	0.10%	0.17% [1]	1 dB	10 MHz	Type-N (f)	118 x 146 x 89 (4.6 x 5.8 x 3.5)

1. *Includes allowance of ±0.02% for 0 to 100% relative humidity, ±0.0016% per °C from 13 to 33 °C and 0.03% backlash.*

For more detail information on "*Agilent Frequency Meter*", please refer to product literature number 5952-1250

Download or order from **www.agilent.com/find/mta**

To find a distributor in your area, go to **www.agilent.com/find/distributors**

Recommended service options

Additional two years of Return-to-Agilent warranty
Additional two years of Return-to-Agilent calibrations
For more information go to **www.agilent.com/find/removealldoubt**

Technical data, availability, and pricing subject to change without notice.
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