

# MFJ 259D

## LF/MF/HF/VHF ANTENNA ANALYZER 100 KHZ - 230 MHZ



The new MFJ-259D reads antenna SWR . . . Complex RF Impedance: Resistance(R) and Reactance(X) or Magnitude(Z) and Phase(degrees) . . . Coax cable loss(dB) . . . Coax cable length and Distance to fault . . . Return Loss . . . Reflection Coefficient . . . Inductance . . . Capacitance . . . Battery Voltage. LCD digital readout . . . covers 100 kHz -230 MHz . . . frequency counter . . . side-by-side meters . . . Ni-Cad charger circuit . . . battery saver . . . low battery warning . . . easy access battery panel . . . smooth reduction drive tuning . . . New Firmware V.1850

MFJ 259D The world's most popular SWR analyzer just got incredibly better and gives you more value than ever!

- The MFJ-259D gives you a complete picture of your antenna's performance.
- You can read antenna SWR and Complex Impedance 100 kHz to 230 MHz. The extra low-end range provides coverage for the two new long-wave amateur bands.
- Read Complex Impedance as series resistance and reactance (R+jX) or as magnitude (Z) and phase (degrees).
- You can determine velocity factor, coax cable loss in dB, length of coax and distance to a short or open in feet.
- You can read SWR, return loss and reflection coefficient at any frequency simultaneously at a single glance.

Also read inductance in uH and capacitance in pF at RF frequencies. Large easy-to-read two line LCD screen and side-by-side meters clearly display your information.

Built-in frequency counter, Ni-Cd charger circuit, battery saver, low battery warning, easy access battery panel and smooth reduction drive tuning.

Super easy to use! Just set the bandswitch and tune the dial -- just like your transceiver. SWR and Complex Impedance are displayed instantly!

Adjust your Yagi, quad, loop and other antennas, change antenna spacing and height and watch SWR, resistance and reactance change instantly. You'll know exactly what to do by simply watching the display.

Perfectly tune critical HF mobile antennas in seconds for super DX -- without subjecting your transceiver to high SWR.

Measure your antenna's 2:1 SWR bandwidth on one band, or analyze multiband performance from 100 kHz to 230 MHz!

Check SWR outside the ham bands without violating FCC rules.

Take the guesswork out of building and adjusting matching networks and baluns.

Measure distance in feet to a short or open in faulty coax. Measure length of a roll of coax, coax loss, velocity factor, impedance.

Measure inductance and capacitance. Measure resonant frequency and approximate Q of traps, stubs, transmission lines, RF chokes, tuned circuits and baluns.

Adjust your antenna tuner for a perfect 1:1 match without creating QRM.

Article id: **MFJ 259D**

Price: **€ 365,00**

**ex VAT € 301,65**



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And this is only the beginning! The MFJ-259D is a complete ham radio test station including -- frequency counter, RF signal generator, SWR Analyzer<sup>TM</sup>, RF Resistance and Reactance Analyzer, Coax Analyzer, Capacitance and Inductance Meter and more!

Take it anywhere

Fully portable, take it anywhere -- remote sites, up towers, on DX-peditions. Use 10 AA or Ni-Cd/Ni-MH batteries (not included) or 12-15VDC adaptor. Rugged all metal cabinet is only 10,2 x 5,1 x 17,2 cm.

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