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MFJ-269C antenna analyzer 230MHz and 415 - 470MHz

£429.95

DESCRIPTION

The MFJ-269C covers 530KHz – 230MHz and 415 – 470MHz. It includes all the features of the MFJ-259B plus much more! Large easy-to-read two line LCD display and side-by-side meters clearly display information. Built-in Nicad/Ni-MH charger circuit, battery saver, low battery warning, smooth reduction drive tuning. Use as signal source for testing/alignment. Built-in Coax Calculator -- Calculates coax line length in feet given coax length in electrical degrees and vice versa for any frequency and any velocity factor (great for building matching sections and phasing lines). New 12-bit A/D converter gives much better accuracy and resolution than common 8-bit A/D converters. Super easy to use! Just set the bandswitch and tune the dial -- just like your transceiver.

530kHz - 230MHz Range Features

MFJ-269 give you a complete picture of your antenna. Read antenna SWR and Complex Impedance 530KHz – 230MHz. Built-in frequency counter. Read Complex Impedance as series equivalent resistance and reactance ($R_s + jX_s$) or as magnitude (Z) and phase (degrees). Also reads parallel equivalent resistance and reactance ($R_p + jX_p$). Determine velocity factor, coax loss in dB, length of coax and distance to short/open in feet. You can read SWR, return loss and reflection coefficient at a single glance. Also reads match efficiency. Also read inductance in μH and capacitance in pF at RF frequencies. You can measure SWR and loss of coax with any characteristic impedance from 10 to over 600 Ohms. 415 - 470 MHz Range Features.

Just plug in your UHF antenna coax, set the frequency and read SWR, return loss and reflection coefficient simultaneously. You can read coax cable loss in dB and match efficiency. You can adjust UHF dipoles, verticals, yagis, quads and other antennas and determine their SWR, resonant frequency and bandwidth. You can test and tune stubs and coax lines. You can manually determine velocity factor and impedances of transmission lines. Adjust and test RF matching networks and RF amplifiers without applying power. Has easy-to-read LCD logarithmic SWR bargraph and SWR meter for quick tuning.

Take It Anywhere

Fully portable, take it anywhere -- on remote sites, up towers, on DX-peditions. Has built-in "N-Type" connector. Includes free N-to-SO-239 adapter. Use 10 AA Ni-MH or Ni-Cad or alkaline batteries (not included -- alkalines cannot be charged internally) or 240VAC with MFJ-1312DX.

Compact 4W x 2D x 63/4H inches.