



Optional Soft case



AEA Technology's 140-525 Analyzer is a graphical antenna analyzer covering 135 to 525 MHz that speeds visualization of VSWR and Return Loss plots. The on-screen plot allows you to quickly determine the best match frequency and the 2:1 bandwidth points. 140-525 has 15 memories for plot storage and a relative Field Strength meter to determine if there is excessive RF in the testing area.

At 20 ounces, the 140-525 Analyzer is light weight and easily hand held. With the Analyst Director Software (Windows 95/98/2000/ME/XP compatible) to interface with your PC, you have endless curve storage and printout capability.

The 140-525 and its software is a powerful, yet cost effective, VHF/UHF testing tool set that should be in every Engineer/Technicians tool box

FEATURES

- Return Loss and VSWR modes
- Auto Scaling
- Auditory Cues
- Signal Generator mode
- Relative Field Strength measurements
- Self Test and calibration functions
- Battery Saver Auto-Off and Auto-Hold functions
- Non-Volatile memory
- Storage for 15 plots
- High Contrast Display
- Compatible with Nicad and NiMH batteries
- Optional Windows Analyst Director Software
 - Plot transfer between PC and Analyzer
 - Simultaneous multiple plot viewing in memory mode

BENEFITS

- High accuracy when checking to tuning antennas
- Ability to archive and print plots
- Lightweight, portable, and battery power capability

SPECIFICATIONS

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|-------------------------------|---|
| • Frequency Range | 135 to 525 MHz |
| • Tuning/Display resolution | Increments of 10 KHz |
| • Display Width | 0 to 500 MHz |
| • Impedance Ranges | 50 Ohms |
| • Antenna connector | Industry Standard "N" conn. |
| • Output Power | >+5dBm@ 50 Ohms |
| • Harmonic and Spurious | >40 dB below fundamental |
| • VSWR Plotting Range | 1:1 to 10:1 |
| • Return Loss Plotting Range | -1.7 to -30 dB |
| • Maximum input before damage | +20dBm |
| • Measurement Speed | Single frequency:
Several sweeps per second
Normal sweep:<2 seconds |
| • Non-volatile memory | Store 15 plots |
| • Serial interface speeds | 9600 to 19.2K baud |
| • Power requirements | 12-16VDC @ 250ma.
or 8 AA batteries |
| • Battery life | 8 Hours typical |
| • Size | 8.5 x 4.3 x 2.25" |
| • Weight | 20 oz. |

