

# RigExpert® AA-55 ZOOM

## Antenna and Cable analyzer up to 55 MHz

### Applications

- Amateur radio
- Commercial radio

### Use cases

- Rapid check-out of an antenna
- Tuning an antenna to resonance
- Comparing characteristics of an antenna before and after specific event (rain, hurricane, etc.)
- Making coaxial stubs or measuring Parameters
- Measuring capacitance or inductance of reactive loads

### Main Features

- Color TFT display
- 6x3 keys on the waterproof keypad
- Factory calibrated
- Multilingual user friendly interface
- Built-in Helper at the push of a button
- USB connection to a personal computer

### RigExpertCare guarantees

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine will replace defective goods covered by the Warranty with new goods of the same model as soon as possible



## Specifications

Frequency range	0.06 MHz to 55 MHz
Display	320×240 color TFT display
Operating time (continuous measurements)	Max. 4 hours of continuous measurement, max. 2 days in standby mode when fully charged batteries are used
Operating modes	<ul style="list-style-type: none"> <li>• SWR at single or multiple frequencies</li> <li>• SWR, RL, R, X,  Z , L, C at single frequency</li> <li>• SWR chart, 100 points</li> <li>• R, X chart, 100 points</li> <li>• Smith chart, 100 points</li> <li>• Return loss chart, 100 points</li> <li>• Cable tools (stub tuner, length &amp; velocity factor, cable loss and characteristic impedance measurement)</li> </ul> <p>Optional Open-Short-Load calibration.</p>
Built in Helper	Yes, at the push of a button
Localizations	English, Japanese
Output connector	UHF (SO-239)
Output power	+13 dBm (at 50 Ohm load)
Battery	<ul style="list-style-type: none"> <li>• Two 1.5V alkaline batteries, type AA</li> <li>• Two 1.2V Ni-MH batteries, type AA</li> </ul>
Operating temperature	0°-40°C (32°-104°F)
PC/Mobile Interfaces	USB connection to a personal computer
Dimensions	103 x 207 x 37 mm (4.1 x 8.1 x 1.4 inches)
Weight (with battery installed)	310 grams (10.9 Oz) w/o batteries
Warranty	2-years RigExpertCare™

## Accessories inside the box

- Soft case
- USB cable
- User's manual
- Alkaline batteries



For order and other questions please contact [office@rigexpert.com](mailto:office@rigexpert.com)