

MATCH Upgradeable Antenna and Cable analyzer up to 500 MHz.

Applications

- Amateur radio
- Professional radio
- Commercial radio
- Telecommunications

Use cases

- Checking and adjusting antennas
- Cable Length and Velocity Factor measurements,
- $1/4\text{-}\lambda$, $1/2\text{-}\lambda$ coaxial stubs setup
- Finding cable fault
- Measurement of parameters of other RF elements -
 - Capacitors and inductors
 - Transformers
 - Traps

Main Features

- Upgradeable by licenses
- Big color TFT LCD 4.0" display
- High contrast with Low Power Consumption
- Consistency and accuracy without prior recalibration
- Multilingual user-friendly interface
- Built-in Helper at the push of a button
- Factory calibration- ready to use
- OSL calibration data memory to select different measurement fixtures quickly (available for RFE license)

RigExpert warranty

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine Ltd. will replace defective goods covered by the Warranty with new goods of the same model as soon as possible. Receive an additional one-year warranty upon registering your MATCH with the RigExpert Club (by website or AntScope2).

*RFE- Radio Field Engineer



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Upgrade license **ADVANCED**



Upgrade license **RFE***

Frequency range	0.1 to 70 MHz and the range can be upgraded to 230 MHz (available for Advance license) and 500 MHz (available for RFE license)
Operating modes	<ul style="list-style-type: none"> • SWR at single or multiple frequencies • SWR, return loss, R, X, Z, L, C at single frequency • SWR chart • R, X chart • Smith chart (available for Advanced, RFE licenses) • Return loss chart • Time Domain Reflectometry (TDR) chart (available for RFE license) <p>Basic Tools: self-test</p> <p>Advanced tools (available for Advanced license and RFE license): stub tuner, length & velocity factor, cable loss and characteristic impedance measurement, OSL calibration</p> <p>RFE License Tools: LC meter, User OSL: 10 profiles available</p> <ul style="list-style-type: none"> • Factory OSL- Yes
Built in Helper	Yes, at the push of a button
Display	480x480 color TFT 4.0" LCD display
Operating time (continuous measurements)	2 hours 40 minutes
Localizations	English, German, French, Spanish, Portuguese, Italian, Ukrainian
Output connector	N-type
Output power	-10 dBm (at 50 Ohm load)
Battery	One Li-Ion battery ICR18650, 2600mAh
Operating temperature	-10...60 °C (14...140 °F)
PC/Mobile Interfaces	USB Type-C
Dimensions	93 × 207 × 37 mm (3.7 × 8.1 × 1.5 in)
Weight (with battery installed)	341g (12 oz)