BENELEC
Innovative Radio Technology

DATASHEET
Liberator SWR Site Analyzer Kit

SWR Site Analyzer Single port unit with easy to use FDR (Frequency Domain Reflectometer), SWR and Return loss measurements. Featuring full colour back-lit display with excellent daylight readability. Easy to navigate menus, user selectable colour settings and measurement plot displays. The SWR Site Analyzer has a user selectable limit lines for at-a-glance tuning and One button Auto-tune in SWR/Return loss locates the antenna's best SWR or Return loss. Ease of Operation Makes the Liberator Analyzer flexible for both the novice and engineer level person to use with minimal training.

FEATURES

- User selectable limit lines for at-a-glance tuning in SWR/Return loss mode One-button Auto-tune locates antenna's best SWR or Return loss
- Frequency Domain Reflectometer (FDR)
- Return Loss measurement and distance to fault in one test to assess cable and Antenna performance as a complete system
- Site Analyzer PC Vision™ software and USB-2 Cable included
- Full instrument operation via PC Vision software
- Internal Memory can hold up to 50 plots and setups
- Quarter VGA back-lit colour display (user selectable colour scheme)
- Large numeric display in CW mode

KIT INCLUDES:

SWR Site Analyzer, 8AA NiMH cells (installed), Belt Case with removable shoulder strap, USB Cable, AC adapter, Quick Start Guide, Basic Guide, Soft carrying case, DC Vehicle Recharger adapter, 3-way Terminator Set, (open, short and 50 Ω load), "N" to BNC Adapter and CD with Operating Manual, Training PPT and Site Analyzer PC Vision software.

SPECIFICATIONS

Frequency Range:	100 KHz – 1500 MHz	Min Resolution:	0.5% of Scale
Tuning/Display Resolution:	1 KHz	FDR Accuracy:	0.5% of Scale
Refresh Rate:	2.5 times/second	Output Power:	~ 0 dBm @ 50 Ohms
Frequency Display:	250 points	RF Connectors:	N Type
Measurement Speed:	5ms / data point	Power requirements:	13.8-20VDC @ 800 mA min. 8 AA NiMH, or Alkaline
FDR Measurements:	DTF, end of cable and Antenna RL	Size:	216 x 109 x 57 mm
FDR Range:	0 to >1524m	Weight:	1kg with belt case and batteries

WARRANTY

24 months (Please refer to Benelec Terms & Conditions).

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