



LBA Group, Inc.

Excellence in RF/telecommunications support since 1963

MODEL 3028

SiteOne

Cable & Antenna Analyzer



The SiteOne Cable & Antenna Analyzer is a truly handheld analyzer covering all major communication bands from 50 kHz to 4400 MHz.

It has a large number of measurement screens available, in order to accommodate all the different parameters in an antenna installation.

Measurement screens can show 2 simultaneous graphs, from 2 different parameters in order to bring further clarity to your measurements

The built-in storage is accessible through the USB connector, and will show up on your PC as a temporary drive. The size of the internal storage is large enough to hold years of measurement data.

For documentation reference the instrument has a built-in real time clock

Simple multilayer menus are employed to setup and control the operation of the instrument

In order to ensure uninterrupted daily work, the instrument is equipped with Lilon cells capable of more than 4 hours of continuous work.

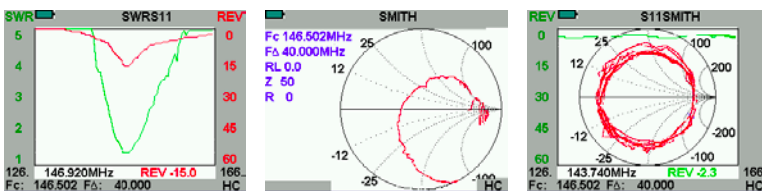
Accessory kit with soft carrying bag, Peli case, car charger and coax adapters for standard types are available.

Applications / Features

- Handheld
- Measure forward and reflected power
- Lightweight
- Rugged design
- Cost effective
- Document the performance of your installation
- Graphic display
- Large built-in storage
- Manual Frequency Mode
- Be charged from USB or supplied charger

Functions

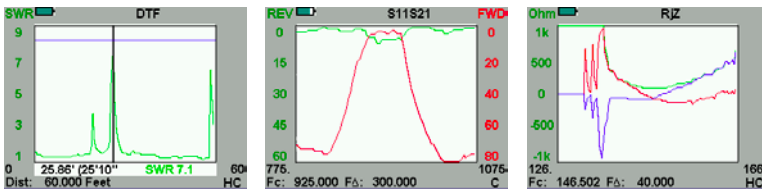
- Measurement modes:
 - SWR & S11
 - Distance To Fault (Select: Meters or Feet)
 - Smith Chart
 - S11 & S21
 - S21
 - S11 & Smith Chart
 - R, j, Z
- Colour LCD screen, visible in direct sunlight
- Battery life saving, with 'Auto Power off' function
- Built-In Real time clock
- Hold and store data on internal SSD
- Internal SSD accessible as simple USB drive on PC
- Time-stamped file system
- Simple menu setup



SWR + S11:

Smith Chart:

S11 + Smith:



Distance to Fault:

S11 + S21:

R, j, Z:

SPECIFICATIONS

Model	SiteOne 3028
Frequency Center range:	50 kHz to 4.4 GHz
Frequency Center Resolution:	1 kHz
Frequency Span Range:	0/5 kHz to 4.4 GHz
Frequency Span Resolution:	5 Hz to 44 MHz
Frequency Accuracy:	±2.5 ppm
Distance To Fault End:	1 to 500 meter (1 to 1640 feet)
Distance To Fault Start:	0 to 99 m (0 to 324 feet)
Distance To Fault Resolution:	1 to 10 cm (0.4 to 4 inches)
Return Loss Measurement:	50 kHz to 1 MHz: < -30 dB
Conditions:	1 MHz to 100 MHz: < -35 dB
Tx Port:	100 MHz to 1 GHz: < -30 dB
Factory Calibration:	1 GHz to 2 GHz: < -30 dB, 2 GHz to 3 GHz: < -28 dB, 3 GHz to 3.8 GHz: < -25 dB, 3.8 GHz to 4.4 GHz: < -20 dB
Transmission Measurement:	50 kHz to 1 MHz: > 40 dB
Dynamic Range:	1 MHz to 100 MHz: > 80 dB
Conditions:	100 MHz to 1 GHz: > 70 dB
Rx Port:	1 GHz to 2 GHz: > 50 dB
Factory Calibration	2 GHz to 3 GHz: > 50 dB, 3 GHz to 4.4 GHz: > 40 dB
Impedance:	50 Ω
Connectors:	2 x "N" Female, USB Serial device (B type)
Display resolution:	320x240 pixels
Calibration storage:	EEPROM
Operating time:	approx. 4 hours
Operating temperature:	0° C to +50° C
Storage temperature:	-30° C to +50° C
Size:	165 x 82 x 31 mm
Weight:	Approx. 650 grams
Compliance:	89/336/EEC, 92/31/EEC, 93/68/EEC
Standard:	EN 61000-6-4:2001, EN 61000-6-2:2005



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TO ORDER NOW -

Contact Jerry Brown

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