



# Spectrum Compact

**SPECTRUM ANALYZER**

## Features

- Ultra-compact form factor
- Industry leading -105 dBm receiver sensitivity
- Compatible with any manufacturers antenna system
- Industry leading price
- Instant On/Off
- USB charging
- Resistive LCD touchscreen with intuitive control and interactive GUI
- Complete measurement logging
- No laptop required for on-site use
- Battery: up to 4 hours of on-site use

## Benefits

- Easy to install and maintain antenna systems
- Easy interference detection



## Accessories



J0APAC11	Leather bag
J0APAC21	Lanyard with carabiner
J0AB4505i1	Universal AC/DC USB charger (except USA)
J0AB4505i2	Universal AC/DC USB charger (for USA)
J0S07WA002	07-09 GHz Waveguide adapter UBR84 to SMA, WR112
J0S10WA002	10-12 GHz Waveguide adapter UBR100 to SMA, WR90
J0S15WA002	12-16 GHz Waveguide adapter UBR140 to SMA, WR62
J0S22WA002	17-24 GHz Waveguide adapter UBR220 to SMA, WR42

Spectrum Compact is an ultra light and easy to use measurement solution for the 6 - 24 GHz licensed microwave frequency bands. Designed specifically for comfortable outdoor use by network engineers in a variety of challenging environments, this battery-powered device is a must-have tool for any microwave radio engineer performing equipment installation or gathering data for site planning purposes. The LCD touchscreen ensures smooth and intuitive onsite use, and the SMA connector\* allows the Spectrum Compact to integrate with any vendors antenna or waveguide system.

*The world's first powerful handheld licensed microwave spectrum analyzer, designed specifically for comfortable outdoor use. This device is a must-have tool for any microwave radio engineer performing on-site work.*

The Spectrum Compact makes it possible to detect existing interference on installed paths or available radio channels with high precision. Data logging of all spectrum scans is available inside of the Spectrum compact with enhanced data processing and analysis available via SAF Tehnika designed PC software on your laptop.

## Technical Specifications

P/N	Spectrum Compact		
	J0SSAP11	J0SSAP12	J0SSAP13
Frequency bands	6/7/8/10/11 GHz	10/11/13/15/17 GHz	17/18/23/24 GHz
Frequency range	5.925 - 12.000 GHz	10.000 - 18.000 GHz	17.000 - 24.300 GHz
Input power range	-105 dBm to -40 dBm		
Max input power	0 dBm		
RBW (Resolution bandwidth)	1 MHz		
Span	100 MHz to full		
Sweep speed	0.5s @ 100 MHz Span		
Guaranteed accuracy	+/- 3 dB		
Input	50 ohm SMA (f)		
Interface	mini USB 2.0 (/1.1)		
LED indication	when charging		
Battery	2380 mAh Polymer Lithium-ion		
Battery life	up to 4h		
Operating temperature	-5°C to +40°C / 23°F to 104°F		
Dimensions	128 x 81 x 24 mm / 5.04 x 3.2 x 0.94 in		
Weight	0.3 kg / 10.6 oz		

\* coaxial cable or frequency specific SAF adapter kit will be required



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