

ROHDE & SCHWARZ

FSV13

The Rohde & Schwarz FSV13 is a fast and versatile microwave signal and spectrum analyzer with a frequency range from 10 Hz to 13.6 GHz. Designed for performance-oriented users in development, production, and servicing, it features a 40 MHz analysis bandwidth, excellent phase noise, and an intuitive touchscreen interface.

SPECIFICATIONS

General

Display	8.4-inch SVGA color touchscreen (800 x 600 pixels)
Warm-up Time	30 minutes
Recommended Calibration Interval	1 year

Frequency

Frequency Range	10 Hz to 13.6 GHz
Frequency Resolution	0.01 Hz

Resolution Bandwidth

Resolution Bandwidth (RBW) Range	1 Hz to 10 MHz
Video Bandwidth (VBW) Range	1 Hz to 10 MHz

Amplitude

Maximum Safe Input Level (CW)	+30 dBm (1 W)
Maximum DC Voltage	50 V
Level Measurement Range	Displayed average noise level (DANL) to +30 dBm

RF Input

RF Input Connector	N female
Input Impedance	50 Ω

Interfaces and Connectivity

LAN Interface	10/100/1000BaseT RJ-45
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Supported Options and Applications

Power Sensor Support	Supports R&S NRP family sensors
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Analysis

Trace Detectors	Max Peak, Min Peak, Auto Peak, Sample, RMS, Average, Quasi-Peak
Trace Functions	Clear/Write, Max Hold, Min Hold, Average, View

Inputs & Outputs

Reference Frequency Output	10 MHz
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Display & Measurement

Display Type	8.4 inch TFT color LCD with touchscreen
Display Resolution	800 × 600 pixels (SVGA)

TECHNOLOGY

Superheterodyne Spectrum Analyzer

APPLICATIONS

RF Development, Production Test, Wireless Communications Analysis

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.