

ROHDE & SCHWARZ

FSH6 (models 06 and 26)

The Rohde & Schwarz FSH6 is a portable, rugged spectrum analyzer designed for field service, installation, and maintenance applications, covering a frequency range of 100 kHz to 6 GHz. It provides high-precision signal analysis and is available in two main variants: the base analyzer (Model 06) and a version equipped with an integrated tracking generator (Model 26) for scalar and vector network analysis, distance-to-fault (DTF) measurements, and cable loss testing.

SPECIFICATIONS

General

Interfaces	Optical RS-232
Display	5.7" color LCD (320 × 240 pixels)

Physical

Operating Temperature	0 to +50 °C
Weight	2.5 kg

Frequency

Frequency Range	100 kHz to 6 GHz
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Bandwidth

Video Bandwidth (VBW) Range	10 Hz to 3 MHz (1, 3 steps)
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Amplitude and Level

Level Measurement Uncertainty	typ. 0.5 dB (up to 6 GHz)
Detectors	Sample, Max Peak, Min Peak, Auto Peak, RMS

Tracking Generator

Output Frequency Range	5 MHz to 6 GHz (Model 26)
Output Power Level Range	-10 dBm (f < 3 GHz); -20 dBm (f > 3 GHz) (Model 26)

Measurements and Functions

Cable and Antenna Test	Distance-to-fault (DTF) and 1-port cable loss measurement
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Inputs and Outputs

RF Input Impedance	50 Ω
RF Input Connector Type	N-type (female)
Tracking Generator / Source Output Connector	N-type (female) (Model 26)

TECHNOLOGY

Spectrum Analysis

APPLICATIONS

Base station maintenance, cable and antenna testing, distance-to-fault (DTF) measurements, RF service and fault location

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