

ROHDE & SCHWARZ

FSIQ

The Rohde & Schwarz FSIQ series is a high-performance family of signal analyzers offering comprehensive frequency, time, and modulation domain measurement capabilities. Combining the features of a spectrum analyzer and a broadband vector signal analyzer, the FSIQ is designed specifically for the development, verification, and production of 3G/W-CDMA mobile radio systems and components. It features an ultra-wide dynamic range, high measurement speed, and dedicated test routines for both digital and analog modulation formats.

SPECIFICATIONS

General

Display	24 cm (9.5-inch) color TFT LCD
Operating System	Windows NT 4.0
Data Storage	Internal hard disk, 3.5-inch floppy disk drive

Physical

Dimensions (W×H×D)	435 × 236 × 460 mm
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Frequency

Frequency Range	20 Hz to 3.5 GHz (FSIQ3) / 7 GHz (FSIQ7) / 26.5 GHz (FSIQ26)
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Resolution Bandwidths

Resolution Bandwidth (RBW) Range	1 Hz to 10 MHz in 1/2/3/5 steps
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Inputs & Outputs

Maximum Safe Input Level	+30 dBm (1 W), 0 V DC
IF Output Frequency	21.4 MHz
Reference Frequency Output	10 MHz

Performance

Video Bandwidth (VBW)	1 Hz to 10 MHz
Reference Frequency	10 MHz

RF Input

RF Input Impedance	50 Ω
RF Input Connector (FSIQ3 / FSIQ7)	N female

Amplitude

Level Measurement Range	Displayed Average Noise Level (DANL) to +30 dBm
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TECHNOLOGY

Signal and Spectrum Analysis / Vector Signal Analysis

APPLICATIONS

Mobile Radio (3GPP/W-CDMA) base station and component testing, R&D, verification, production

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