

ROHDE & SCHWARZ

SMIQ06B

The Rohde & Schwarz SMIQ06B is a high-performance vector signal generator from the SMIQ family, spanning a frequency range from 300 kHz to 6.4 GHz. Designed for both analog and digital modulation, it serves as an industry-standard solution for development, type-approval, and production testing of 3rd-generation digital mobile radio and other RF systems.

SPECIFICATIONS

Frequency

Minimum Frequency	300 kHz Hz
Maximum Frequency	6.4 GHz Hz
Frequency Resolution	0.1 Hz

Level Characteristics

Output Impedance	50 Ω
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Rear Panel and Control Interfaces

External Reference Input Connector	BNC female
Internal Reference Output Connector	BNC female
Command Language	SCPI

Compliance

Safety Standards Compliance	Complies with EN 61010-1
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Noise Generator Option

Option SMIQB17 Noise Types	Additive White Gaussian Noise (AWGN)
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TECHNOLOGY

RF Vector Signal Generator

APPLICATIONS

RF transmitter testing, mobile communications development, receiver characterization, digital & analog modulation simulation

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