

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

ROHDE AND SCHWARZ

Rohde and Schwarz SMB100N RF Signal Generator 9KHz-1.1GHz

Rohde and Schwarz SMB100N RF Signal Generator 9KHz-1.1GHz The R&S SMB100N provides an RF signal generator covering approximately 9 kHz to 1.1 GHz, a specialized SMB100-family CW/analog RF source configuration (including US Navy-associated SMB100N variants) for general-purpose RF stimulus in the HF through L-band region. CW RF source for receiver and component testing from LF/HF through approximately 1.1 GHz; production and laboratory RF stimulus where SMB100N/SMB100B-class generators are specified; general-purpose signal generation with high spectral purity typical of the SMB100 family. The R&S SMB100N provides an RF signal generator covering approximately 9 kHz to 1.1 GHz, a specialized SMB100-family CW/analog RF source configuration (including US Navy-associated SMB100N variants) for general-purpose RF stimulus in the HF through L-band region. CW RF source for receiver and component testing from LF/HF through approximately 1.1 GHz; production and laboratory RF stimulus where SMB100N/SMB100B-class generators are specified; general-purpose signal generation with high spectral purity typical of the SMB100 family.

No photo

MODEL

**Rohde and
Schwarz SMB100N**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

SMB100N

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- RF signal generator, SMB100N designation
- Frequency coverage approximately 9 kHz to 1.1 GHz
- SMB100-family CW / analog RF source architecture
- Related commercial family: R&S®SMB100B (8 kHz to 1/3/6 GHz option classes)
- Compact mid-range RF generator platform

SMB100N Characteristics / Specifications

PARAMETER	VALUE
Model	SMB100N (R&S®SMB100N)
Manufacturer	Rohde & Schwarz
Instrument Type	RF Signal Generator
Frequency Range	9 kHz to 1.1 GHz
Product Family	SMB100 / SMB100B lineage (specialized SMB100N configuration)
Alias	SMB100N Standard Operating Conditions Observe maximum RF output into 50 Ω loads. Allow warm-up for frequency accuracy and phase-noise-sensitive measurements. Confirm engraved frequency range on the unit matches 9 kHz–1.1 GHz.
Related commercial family	R&S®SMB100B (8 kHz to 1/3/6 GHz option classes)

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	SMB100N (R&S®SMB100N)
Manufacturer	Rohde & Schwarz
Instrument Type	RF Signal Generator
Frequency Range	9 kHz to 1.1 GHz
Product Family	SMB100 / SMB100B lineage (specialized SMB100N configuration)
Alias	SMB100N

Standard Operating Conditions

Observe maximum RF output into 50 Ω loads. Allow warm-up for frequency accuracy and phase-noise-sensitive measurements. Confirm engraved frequency range on the unit matches 9 kHz–1.1 GHz.

Operational Notes

SMB100N is a specialized SMB100-family model (including US Navy-associated listings)—distinct from vector SMBV100B and from SGMA/SGT100A. Verify faceplate SMB100N vs SMB100B. Alias SMB100N.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.