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## Rohde & Schwarz, Inc. SME02

5 kHz to 1.5 GHz Signal Generators

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### Product Description:

Rohde & Schwarz, Inc. SME02 5 kHz to 1.5 GHz Signal Generators

The Rohde & Schwarz, Inc. SME02 signal generator is an electronic instrument that generates repeating electronic signals. It contains an electronic oscillator, a circuit that is capable of creating a repetitive waveform.

Overload protection
Simultaneous modulation
Pulse generator
Flex Protocol
LF Generator
DM Mem extension 8-bit
Rear connectors for RF & LF
Digital Modulation
No ext modulation & data sourc
User programmable data
Output Accuracy : 1.5dB

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## Performance Characteristics of the SME02

| | |
|---|---|
| Form Factor | Benchtop |
| Minimum Frequency | 5 kHz |
| Maximum Frequency | 1.5 GHz |
| Frequency Resolution | 0.1 Hz |
| Frequency Switching Time | 10 ms |
| Time base stability | 0.000001 /yr |
| Minimum Output Power | -144 dBm |
| Maximum Output Power | 13 dBm |
| Power Resolution | 0.1 dB |
| Output Accuracy | 1.5 dB |
| Output Impedance | 50 Ohm |
| Minimum Single-Side-Band Noise | -140 dBc/Hz |
| Maximum Single-Side-Band Noise | -132 dBc/Hz |
| Harmonics (noise) | -30 dBc |
| Non-harmonics (noise) | -80 dBc |
| Modulation | AM,FM |
| External Modulation Inputs(Types) | No |

## Programmability/Connectivity of the SME02

| | |
|---|---|
| User Interface | Proprietary |
| Ports to Peripheral Devices | IEEE488,RS232 |
| Test Pattern Storage | 50 Patterns |
| Programming Language | TDMA |

## SME02 Compliance

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| CE Compliance | Not on file |
|---|---|
| UL Compliance | Not compliant |

## SME02 Power Requirements

| Input Power | Universal (Auto Sense and Switch) |
|---|---|

## More Rohde & Schwarz, Inc. savings

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