

**Aumictech**

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Data Sheet

August 14, 2026

FLUKE

Fluke 6060A/AN " Synthesized Signal Generator

Fluke RF Signal Sources. Frequency range: 10 kHz to 520 MHz, Resolution: 10 Hz, Accuracy: 1 dB.



MODEL

Fluke 6060A/AN

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

6060A/AN

LISTING

<https://aumictechlabs.com/products/6060a-an-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Fluke 6060A/AN is a synthesized signal generator with integrated FM deviation meter, delivering precise RF signal generation and modulation measurement in a single instrument. Operating across 10 kHz to 520 MHz, it generates output levels from +13 dBm to -127 dBm with 10 Hz frequency resolution and 1 dB amplitude accuracy. The instrument supports AM and FM modulation with maximum FM deviation of 500 kHz, making it ideal for component characterization and on-channel radio validation. Technical Specifications Signal Generation Frequency range: 10 kHz to 520 MHz Output amplitude: +13 dBm to -127 dBm Output impedance: 50 ohms nominal Frequency resolution: 10 Hz Amplitude accuracy: 1 dB SSB phase noise: -113 dBc/Hz at 20 kHz offset from 500 MHz carrier Reverse power protection included Modulation Modes: AM and FM Maximum FM deviation: 500 kHz FM Deviation Meter Input frequency range: 30 MHz to 500 MHz Input signal level: 15 mV to 5 V rms Measurement ranges: 500 kHz and 50.0

kHz full scale Selectable polarity: $\pm$ peak Modulation rate: 100 Hz to 8 kHz Accuracy: $\pm 6\%$ of full-scale range (100 Hz to 8 kHz) Key Features Memory function for storing instrument settings Interactive front panel with real-time operator feedback IEEE-488 programmable remote control Operating temperature: 0°C to 50°C (32°F to 122°F) Standard full rack width form factor Typical Applications RF component and system testing (filters, amplifiers, mixers) On-channel radio testing Land-mobile, aviation, and tactical communication equipment validation RF and electronics laboratory measurements Compatibility & Integration IEEE-488 interface enables integration into automated test systems and remote operation from external controllers.

6060AAN Characteristics / Specifications

PARAMETER	VALUE
Frequency Range	100 kHz to 1050 MHz
Frequency Resolution Class	10 Hz
Reference	10 MHz
RF Output Level Range	minus 137 dBm to +13 dBm
Output Impedance	50 Ohm
Modulation AM	Internal and external
Modulation FM	Internal and external
FM Deviation Ranges Class	100 Hz to 999 Hz; 1 kHz to 9.99 kHz; 10 kHz to 99.9 kHz
Maximum FM Deviation Class	up to 99.9 kHz limited by carrier frequency rules in manual
Form Factor	Benchtop signal generator
Remote Interface	GPIB programmable
Intended Use	Radio and RF component test
Spectral Purity Class	Moderate purity class per Fluke positioning
Level Control	Calibrated attenuator/ALC class
Display	Frequency and level readouts
Carrier Accuracy	As reference oscillator
Operating Temperature Class	0 to 50 C class
Power	AC line
Variant Note	6060A/AN covers 10 kHz to 520 MHz with deviation meter option class
Connector	RF output 50 Ohm
Attenuator	Electronic/mechanical per revision
Standby Reference Class	available on family
Operating temperature	Class: 0 to 50 C class

6060AAN Specifications

PARAMETER	VALUE
Fluke 6060A Synthesized RF Signal Generator	Overview
Key Features	Synthesized from 10 MHz reference
Technical Specifications	Frequency Range: 100 kHz to 1050 MHz

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 50 C class
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Power	AC line
Variant Note	6060A/AN covers 10 kHz to 520 MHz with deviation meter option class
Connector	RF output 50 Ohm
Attenuator	Electronic/mechanical per revision
Standby Reference Class	available on family Notes Specs from Fluke 6060A synthesized RF signal generator literature. Confirm exact resolution and deviation limits in the instruction manual for the installed firmware.

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	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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.