

# AP5021A G3 Analog Signal Generator

## Introduction

This configuration guide contains information to help you configure your AP5021A G3 analog signal generator to meet your requirements. Ordering optional capabilities at the time of purchase provides the lowest overall cost of ownership.



# Select Hardware Options

Option	Description	Additional information
<b>Select frequency range (one required)</b>		
AP5021A-512	Frequency range, 9 kHz to 12.75 GHz	N-type (f) output connector
AP5021A-520	Frequency range, 9 kHz to 20 GHz	2.92 mm (m) RF output connector
AP5021A-540	Frequency range, 9 kHz to 40 GHz	2.92 mm (m) RF output connector
AP5021A-554	Frequency range, 9 kHz to 54 GHz	1.85 mm (m) RF output connector
<b>Select close in phase noise and long-term frequency stability performance level (one required)</b>		
AP5021A-LN1	Ultra-low close in phase noise and long-term frequency stability	
AP5021A-LN2	Enhanced ultra-low close in phase noise and long-term frequency stability	
<b>Select mechanical attenuator (optionally choose one)</b>		
AP5021A-1E1	Mechanical step attenuator for 12.75 GHz, 20 GHz, or 40 GHz frequency range	Requires option 512, 520, or 540
AP5021A-2E1	Mechanical step attenuator for 54 GHz frequency range	Requires option 554
<b>Select fast switching (optional)</b>		
AP5021A-UNZ	Fast switching	
<b>Select analog modulation (optionally choose any)</b>		
AP5021A-UNT	AM, FM, phase modulation	
AP5021A-PMR	Pulse modulation	Incompatible with option PME
AP5021A-PME	Limited pulse modulation	Incompatible with option PMR
<b>Select general performance features (optionally choose any)</b>		
AP5021A-PHS	Phase coherent switching	
AP5021A-1ER	Flexible reference input	
AP5021A-GPB	GPIB interface	
<b>Select calibration documentation (optional)</b>		
AP5021A-UK6	Commercial calibration certificate with test data	

# Recommended Services

Model	Description
R-50C-011-3	Keysight Calibration - Return-to-Keysight - 3 years
R-50C-011-5	Keysight Calibration - Return-to-Keysight - 5 years

## Related Literature

[AP5021A G3 Analog Signal Generator Product Page](#)



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