

ARBITRARY WAVEFORM GENERATORS

- Maximum output frequency: 60MHz
- Maximum sampling rate: 300MSa/s
- 14 bits vertical resolution
- Output waveform: 5 standard waveforms, 45 built-in arbitrary waveforms
- Modulation: AM, FM, PM, FSK, PWM, ASK, PSK, sweep, burst



9535-1060

SPECIFICATION

Part No.		9535-1010	9535-1025	9535-1050	9535-1060
Channel		2			
Maximum output frequency		10MHz	25MHz	50MHz	60MHz
Sampling rate		125MSa/s		300MSa/s	
Vertical resolution		14bits			
Output waveform	standard waveform	sine, square, ramp, pulse, noise			
	arbitrary waveform	exponential rise/fall, sin(x)/x, step wave, and others total 45 built-in waveforms			
Arbitrary waveform length		2~8K	2~10K		
Output mode		continuous, modulation, frequency sweep, pulse burst			
Modulation type		AM, FM, PM, FSK, PWM, ASK, PSK			
Frequency characteristic	sine	1μHz~10MHz	1μHz~25MHz	1μHz~50MHz	1μHz~60MHz
	square	1μHz~5MHz		1μHz~25MHz	1μHz~30MHz
	ramp	1μHz~1MHz			
	pulse	1μHz~5MHz		1μHz~10MHz	1μHz~15MHz
	noise (-3dB)	25MHz (gaussian white noise)			
	arbitrary waveform	1μHz~10MHz			
	resolution	1μHz~7bits			
Amplitude characteristic	output amplitude	high resistance: 1mVpp~20Vpp (≤25MHz), 1mVpp~10Vpp (≤60MHz) 50Ω: 1mVpp~10Vpp (≤25MHz), 1mVpp~5Vpp (≤60MHz)			
	amplitude accuracy	1mVpp~4bits			
	offset range (AC+DC)	high resistance: ±10V, 50Ω: ±5V			
	offset resolution	1mVpp			
	output impedance	50Ω			
Frequency counter	measurement function	frequency, period, positive/negative pulse width, duty cycle			
	frequency range	100mHz~200MHz			
	frequency resolution	6bits			
Power supply		AC 110V/220V, 50/60Hz			
Dimension (L×W×H)		295×235×110mm			
Net weight		3kg			

STANDARD DELIVERY

Main unit	1 pc
BNC test clip	1 pc
USB cable	1 pc

POWER AMPLIFIER MODULE SPECIFICATION (OPTIONAL)

Full power bandwidth	DC~100kHz
Gain	X10
Maximum output power	10W
Maximum output voltage	22Vpp

OPTIONAL DELIVERY

Power amplifier module	9535-PA (must be installed in factory)
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