Analog Oscilloscope

OOSC9100 series

- 2 channels, up to 60/100 MHz (5mV/div).
- Panel setup on-screen display, many parameters can be display on CRT directly.
- Cursor measurement, such as ΔV, ΔT, 1/ΔT etc.
- Sweep rate auto-set.
- Build-in frequency counter.

Model	OOSC9121	OOSC9126
Vertical system		
Deflection	2mV/div-5V/div, 1-2-5, 11steps, ±5%	
Variable ratio	≥2.5:1	
Bandwidth :5mV/div	DC-100MHz -3dB	DC-60MHz -3dB
Bandwidth :2mV/div	DC-20MHz -3dB	DC-20MHz -3dB
Rise time	3.5ns	6ns
HF reject	Approx > 20MHz	
Overshot, damp (5mV/div)	5%	
AC coupling F min	10Hz – 3dB	
Impedance	1MΩ ± 5% 25pF ± 5pF	
CMR	More than 10:1 (20MHz)	
Max. input	400V (DC +AC peak) ≤ 1KHz	
Horizontal system		
Sweep rate A:main sweep	0.5s/div – 50ns/div, 1-2-5 22steps ±5%	0.5s/div – 0.1us/div, 1-2-5 21steps ±5%
Sweep rate B:delay sweep	50ms/div – 50ns/div, 1-2-5 19steps ±5%	50ms/div – 0.1us/div, 1-2-5 18steps ±5%
MAG ratio	×10 ± 10%	
Linear	5% after expand 15%	
Variable	≥2:1 (1-2 step) ; ≥2.5 (2-5 step)	
Delay jitter	≤1: 10000	
X external input	0.1V/div 1V/div (÷10)	
Bandwidth	DC – 2MHz -3dB	
Phrase error	<3° (dc – 50 KHz)	
Trig system		
Trig source (int.)	CH1, CH2	
External input impedance	1MΩ ± 5% //30pF ± 5pF	
Max. input voltage	400V(DC+AC peak) ≤ 1KHz	
Trig sensitivity normal	DC-20MHz, 1div; 20MHz- 100MHz, 1.5 div	DC-20MHz, 1div; 20MHz- 60MHz, 1.5 div
Trig sensitivity auto	30Hz-100Hz,1.5div; 100Hz-20MHz, 1div 20MHz-100MHz, 1.5 div	30Hz-100Hz,1.5div; 100Hz-20MHz, 1div 20MHz-60MHz, 1.5 div
Trig sensitivity TV	1.5div	
External Trig sensitivity	<20MHz: 50mVp-p >20MHz (bandwidth) 150mVp-p	
TV external	150mV	
Level adjusted range	Norm. following trig signal; auto ≥4div	
SMT technology, MCU controlled		
Switched power supply, line in voltage can vary between 90 to 250V		