

Advanced Multimeters : MS8251A

Specifications	Range	Resolution	Accuracy
DC Voltage	660mV	0.1mV	$\pm(0.8\%+3)$
	6.6V/66V/660V	1mV/10mV/0.1V	$\pm(0.5\%+5)$
	1000V	1V	$\pm(0.8\%+3)$
AC Voltage	660mV(40~60Hz)	0.1mV	$\pm(1.5\%+5)$
	6.6V/66V(40~400Hz)	1mV/10mV	$\pm(1.2\%+5)$
	660V/1000V(40~400Hz)	0.1V/1V	$\pm(1.0\%+3)$
DC Current	660 μ A/6600 μ A/66mA/660mA	0.1 μ A/1 μ A/10 μ A/0.1mA	$\pm(1.0\%+5)$
	10A	10mA	$\pm(2.0\%+5)$
AC Current	660 μ A/6600 μ A/66mA/660mA	0.1 μ A/1 μ A/10 μ A/0.1mA	$\pm(1.5\%+5)$
	10A	10mA	$\pm(3.0\%+5)$
Resistance	660 Ω /6.6k Ω /66k Ω /660k Ω /6.6M Ω	0.1 Ω /1 Ω /10 Ω /100 Ω /1k Ω	$\pm(0.8\%+5)$
	66M Ω	0.1M Ω	$\pm(1.5\%+5)$
Capacitance	6.6nF	1pF	$\pm(4.0\%+5)$
	66nF/660nF/6.6 μ F/66 μ F/660 μ F	10pF/0.1nF/1nF/10nF/0.1 μ F	$\pm(3.0\%+3)$
	6.6mF/66mF	1 μ F/10 μ F	$\pm(4.0\%+5)$
Frequency (V)	66Hz/660Hz/6.6kHz/10kHz	0.01Hz/0.1Hz/1Hz/10Hz	$\pm(1.5\%+5)$
Frequency (Hz)	66Hz/660Hz/6.6kHz/66kHz/	0.01Hz/0.1Hz/1Hz/10Hz	$\pm(1.5\%+5)$
	660kHz/6.6MHz/66MHz	0.1kHz/1kHz/10kHz	
Duty Cycle	1%~99.9%	0.1%	$\pm(2.0\%)$
Temperature	0~1000°C/32~1832°F	1°C/1°F	$\pm(1.0\%+3)$