



MAXWELLON MX195X

50MHz to 38GHz

Microwave Signal Generator (Universal)

2023

Microwave Power Source is a synthesized signal source with a frequency range of 50MHz to 38GHz. It operates upon startup, providing a maximum power output of ≥ 33 dBm (2W). It features simple operation and high-frequency accuracy.

■ Key Feature

- Frequency: 5-digit LED digital readout, minimum frequency step of 0.01 MHz.
- Power: MAX 33 ± 1 dBm.
- Adjustable Power Range: 30 dB, adjustable with a knob.
- Harmonic Suppression: ≥ 40 dBc.
- RF Output Connector: 50 Ω characteristic impedance, SMA type female connector.
- Operating Ambient Temperature: 0 to 50°C.

■ Specification

Model	Min	Max	Output Power (dBm)	Frequency Step (MHz)	Frequency Accuracy	Frequency Stability (/h)	Operating Voltage
MX1950A	50MHz	105MHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1950B	70MHz	120MHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1950C	60MHz	100MHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1950D	180MHz	220MHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1950E	50MHz	250MHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1951A	10MHz	3GHz	>33	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1951B	1.8GHz	2.8GHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1951C	800MHz	2GHz	>17	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1952A	2.5GHz	3.5GHz	>32	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1952B	800MHz	2.5GHz	>33	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1952C	800MHz	3GHz	>33	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1953A	2GHz	4GHz	>33	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1956A	8.6GHz	9.6GHz	>17	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1956C	8GHz	12GHz	>17	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1957A	2GHz	18GHz	>10	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1957C	6GHz	18GHz	>10	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V
MX1958A	31GHz	38GHz	>10	$\pm 0.1/\pm 1$	50K	2×10^{-6}	220V



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