

MONOLITHIC AMPLIFIERS**MINI-CIRCUITS MAR AMPLIFIERS**

MAR



MAV



MAV-A

Low cost drop in DC-2.5GHz 50ohm Amplifiers.
PO=Poweroutput, NF= Noise figure

Order No	Description	Each
MAR-1SM	MMIC 0 – 1GHz, gain 17dB PO= 0dBm, NF=5.5dB	\$4.20
MAR-3SM	MMIC 0 – 2GHz, gain 13dB PO= 7dBm, NF=6dB	\$3.65
MAR-4SM	MMIC 0 – 2GHz, gain 8dB PO= 10dBm, NF=6.5dB	\$4.30
MAR-6SM	MMIC 0 – 2GHz, gain 16.5dB PO= 0dBm, NF= 2.8dB	\$3.10
MAV-11	MMIC 0 – 1GHz, gain 12dB PO= 17.5dBm, NF=3.6dB	\$4.40
MAV-11A	MMIC 50 – 2GHz, gain 12dB PO= 18.5dBm, NF=4.8dB	\$3.20

MAR-8 devices are potentially unstable devices & are not stocked by Mini-Kits. The ERA-3 is a good substitute to replace a MAR-8. The MAR-1/3/4/6SM a SMD Version is being supplied in place of the MAR-1/3/4/6 due to cost.

MAV11-A is a square SMD Package Type

MINI-CIRCUITS ERA AMPLIFIERS

ERA

Miniature drop in DC-8GHz Microwave Amplifiers usable to 10GHz.

Order No	Description	Each
ERA-1	DC – 8GHz, gain 11.6dB PO= 13dBm, NF= 7dB	\$4.15
ERA-2	DC – 6GHz, gain 13dB PO= 14dBm, NF= 6dB	\$4.25
ERA-3	DC – 3GHz, gain 20.2dB PO= 11dBm, NF= 4.5dB	\$4.65
ERA-5	DC – 4GHz, gain 15.8dB PO= 19.6dBm, NF= 4dB	\$8.55
ERA-6	DC – 4GHz, gain 11.3dB PO= 18.5dBm, NF= 8.4dB	\$10.40

FREQUENCY MIXERS**MINI-CIRCUITS +7dBm LEVEL MIXERS**

ADE



TUF



RMS



MBA

All Mixers are Surface Mounted Types, except TUF-1 & require +7dBm (5mW) of Local Oscillator injection. Maximum RF input power is +1dBm. Some models are suitable for building equipment up to 6GHz

Order No	Description	Each
ADE-1	Double Balanced Mixer L/O & RF 0.5 – 500MHz I/F DC – 500MHz	\$6.55
ADE-11X	Double Balanced Mixer L/O & RF 10-2000MHz I/F 5 - 1000MHz	\$6.55
ADE-35	Double Balanced Mixer L/O & RF 1600-3500MHz I/F DC - 1500MHz	\$11.55
MBA-591	Double Balanced Mixer L/O & RF 2800-5900MHz I/F DC - 1000MHz	\$18.56
RMS-11X	Double Balanced Mixer L/O & RF 5 – 1900MHz I/F 5 – 1000MHz	\$10.80
TUF-1	Double Balanced Mixer L/O & RF 2 – 600MHz I/F DC – 600MHz	\$11.98

**FOR DATA SHEETS PLEASE VISIT
WWW.MINICIRCUITS.COM**

MMIC Amplifier Experimenter Kits & PC Boards. Designed to experiment with the MAR/ERA devices.

Refer to www.minikits.com.au/kits2.htm For Prices