

MONOLYTHIC AMPLIFIERS

MINI-CIRCUITS MAR AMPLIFIERS



MAR



MAV

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-4	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	\$3.70
MAV-11	MMIC 0 – 1GHz, gain 12dB PO= 17.5dBm, NF=3.6dB	\$4.90

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-1/3/6SM a SMD Version is being supplied in place of the MAR-1/3/6 due to cost.

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	\$5.70
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

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

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

FREQUENCY MIXERS

MINI-CIRCUITS +7dBm LEVEL MIXERS



ADE



JMS



RMS



MBA

All Mixers are Surface Mounted Types & 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	\$6.50
ADE-1PCB	Experimenters Board	\$4.95
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	\$11.45
RMS-30	Double Balanced Mixer L/O & RF 200 – 3000MHz I/F DC – 1000MHz	\$20.18
SKY-60	Double Balanced Mixer L/O & RF 2500-6000MHz	\$40.25

Only 1 x SKY60 left in stock until sold out

HITTITE MICROWAVE CORPORATION



Mixers are Surface Mounted Types & require +10dBm (10mW) of Local Oscillator injection. Maximum RF input power is +13dBm. Suitable for building equipment on 5 & 10GHz

Order No	Description	Each
HMC220MS8	Double Balanced Mixer RF L/O 5 – 12GHz I/F DC – 4GHz Conversion loss 7.5dB 1dB gain compression 8dBm	\$On Order