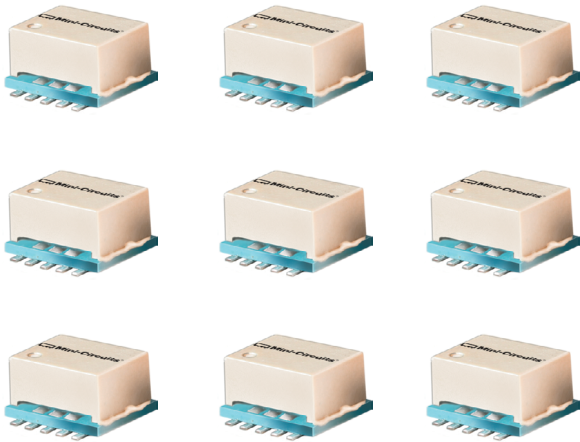




DESIGNER'S KIT K1-MCA+

# Frequency Mixers

50Ω 500 to 5000 MHz



## FEATURES

- Triple balanced, wide bandwidth
- Excellent isolation, 30dB
- Large selection of models, LO levels 10,13 and 17dBm
- Low conversion loss, 7dB
- Very good matching, 2:1 VSWR typ.
- Small size 0.25"x 0.3"x 0.19"

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## K1-MCA+ ELECTRICAL SPECIFICATIONS

(6 models, 5 of each, 30 total)

Model	LO level (dBm)	Frequency (MHz)		Conversion Loss (dB) Typ.	RF In @ 1 dB Compr. (dBm) Typ.	IP3 (dBm) Typ.	LO-RF Isolation (dB) Typ.	LO-IF Isolation (dB) Typ.
		LO/RF	IF					
MCA-35LH+	10.0	500-3500	10-1500	6.9	6.0	16	32	30
MCA-50LH+	10.0	1000-5000	10-1500	7.3	6.0	18	35	32
MCA-35MH+	13.0	500-3500	10-1500	6.9	9.0	20	29	29
MCA-50MH+	13.0	1000-5000	10-1500	7.3	9.0	21	34	30
MCA-35H+	17.0	500-3500	10-1500	6.9	14.0	24	30	30
MCA-50H+	17.0	1000-5000	10-1500	7.3	14.0	23	30	30

Protected under U.S. Patent 6,917,796

REV. A  
ECO-009343  
K1-MCA+  
MCL NY  
210820

