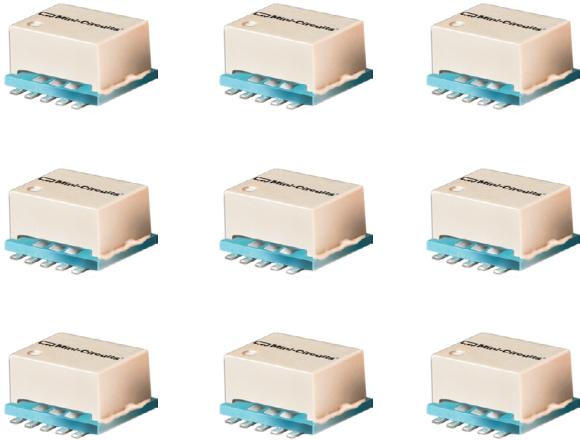




DESIGNER'S KIT K2-MCA+

# Frequency Mixers

50Ω 1760 to 3600 MHz



## FEATURES

- High IP3, to +35 dBm
- Excellent L-R isolation, to 44 dB typ.
- Large selection of models, LO levels 10, 13 & 17dBm
- Low conversion loss, 7dB
- Small size, ( L ) 0.25" x ( W ) 0.3" x ( H ) 0.19"
- Low cost

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



## K2-MCA+ ELECTRICAL SPECIFICATIONS

(9 models, 2 of each, 18 total)

Model	LO level (dBm)	Frequency (MHz)			Conversion Loss (dB)	RF In @ 1 dB Compr. (dBm)	IP3 (dBm)	LO-RF Isolation (dB)	LO-IF Isolation (dB)
		LO/RF	RF	IF					
MCA-19FLH+	10.0	1760-1820	1850-1910	70-130	6.9	10.0	25	40	39
MCA-30FLH+	10.0	2780-2880	2960-3060	130-230	7.5	10.0	25	35	27
MCA-36FLH+	10.0	3070-3170	3500-3600	380-480	8.4	10.0	25	40	28
MCA-19FMH+	13.0	1760-1820	1850-1910	70-130	6.9	13.0	30	40	39
MCA-30FMH+	13.0	2780-2880	2960-3060	130-230	7.4	13.0	30	35	27
MCA-36FMH+	13.0	3070-3170	3500-3600	360-480	8.3	13.0	30	42	27
MCA-19FH+	17.0	1760-1820	1850-1910	70-130	6.9	17.0	35	40	39
MCA-30FH+	17.0	2780-2880	2960-3060	130-230	7.4	17.0	34	37	27
MCA-36FH+	17.0	3070-3170	3500-3600	380-480	8.3	17.0	33	44	29

Protected under U.S. Patent 6, 959, 180

