

## ACTIVE FREQUENCY TRIPLERS

MODEL NUMBER	INPUT FREQUENCY (GHz)	INPUT POWER (dBm)	OUTPUT FREQUENCY (GHz)	OUTPUT POWER (dBm, Typ.)	CONVERSION GAIN (dB, Typ.)	HARMONIC REJECTION IN/OUT (dBc, Min.)	POWER FLATNESS (±dB, Typ.)	VSWR IN/OUT (Typ.)	NOM. DC POWER (+5 V, mA)	OUTLINE NUMBER
<b>TRIPLERS</b>										
MAX3J045050	1.5 – 1.67	3 – 8	4.5 – 5	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M045050	1.5 – 1.67	8 – 12	4.5 – 5	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H045050	1.5 – 1.67	12 – 16	4.5 – 5	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J050055	1.67 – 1.83	3 – 8	5 – 5.5	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M050055	1.67 – 1.83	8 – 12	5 – 5.5	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H050055	1.67 – 1.83	12 – 16	5 – 5.5	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J055060	1.83 – 2	3 – 8	5.5 – 6	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M055060	1.83 – 2	8 – 12	5.5 – 6	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H055060	1.83 – 2	12 – 16	5.5 – 6	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J060065	2 – 2.16	3 – 8	6 – 6.5	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M060065	2 – 2.16	8 – 12	6 – 6.5	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H060065	2 – 2.16	12 – 16	6 – 6.5	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J065070	2.16 – 2.33	3 – 8	6.5 – 7	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M065070	2.16 – 2.33	8 – 12	6.5 – 7	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H065070	2.16 – 2.33	12 – 16	6.5 – 7	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J070075	2.33 – 2.5	3 – 8	7 – 7.5	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M070075	2.33 – 2.5	8 – 12	7 – 7.5	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H070075	2.33 – 2.5	12 – 16	7 – 7.5	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J075080	2.5 – 2.66	3 – 8	7.5 – 8	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M075080	2.5 – 2.66	8 – 12	7.5 – 8	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H075080	2.5 – 2.66	12 – 16	7.5 – 8	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J080085	2.66 – 2.83	3 – 8	8 – 8.5	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M080085	2.66 – 2.83	8 – 12	8 – 8.5	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H080085	2.66 – 2.83	12 – 16	8 – 8.5	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J043052	1.43 – 1.73	3 – 8	4.3 – 5.2	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M043052	1.43 – 1.73	8 – 12	4.3 – 5.2	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H043052	1.43 – 1.73	12 – 16	4.3 – 5.2	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J047056	1.56 – 1.86	3 – 8	4.7 – 5.6	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M047056	1.56 – 1.86	8 – 12	4.7 – 5.6	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H047056	1.56 – 1.86	12 – 16	4.7 – 5.6	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J063074	2.1 – 2.46	3 – 8	6.3 – 7.4	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M063074	2.1 – 2.46	8 – 12	6.3 – 7.4	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H063074	2.1 – 2.46	12 – 16	6.3 – 7.4	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3J070083	2.3 – 2.76	3 – 8	7 – 8.3	6 – 11	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M070083	2.3 – 2.76	8 – 12	7 – 8.3	11 – 15	3	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3H070083	2.3 – 2.76	12 – 16	7 – 8.3	12 – 16	0	-60 / -15	1	2:1 / 1.5:1	120	MAX3A
MAX3M300300	10	10 – 15	30	10 – 13	0	18 / 18	–	3:1 / 2.1	160*	MAX2F

\* Nominal current at +15 VDC.