

ACTIVE FREQUENCY DOUBLERS

MODEL NUMBER	INPUT FREQUENCY (GHz)	INPUT POWER (dBm)	OUTPUT FREQUENCY (GHz)	OUTPUT POWER (dBm, Typ.)	CONVERSION GAIN (dB, Typ.)	HARMONIC REJECTION FUND./ODD (dBc, Typ.)	NOM. DC POWER (+15 V, mA)	OUTLINE NUMBER
OCTAVE BANDWIDTH								
MAX2J020040	1 – 2	3 – 8	2 – 4	3 – 8	0	20 / 20	150	MAX2A
MAX2M020040 *	1 – 2	8 – 12	2 – 4	8 – 12	0	20 / 20	150	MAX2A
MAX2H020040	1 – 2	12 – 16	2 – 4	12 – 16	0	20 / 20	150	MAX2A
MAX2V020040	1 – 2	16 – 20	2 – 4	16 – 20	0	20 / 20	150	MAX2A
MAX2J040080	2 – 4	3 – 8	4 – 8	3 – 8	0	20 / 20	150	MAX2B
MAX2M040080 *	2 – 4	8 – 12	4 – 8	8 – 12	0	20 / 20	150	MAX2B
MAX2H040080	2 – 4	12 – 16	4 – 8	12 – 16	0	20 / 20	150	MAX2B
MAX2V040080	2 – 4	16 – 20	4 – 8	16 – 20	0	20 / 20	150	MAX2B
MAX2J080160	4 – 8	3 – 8	8 – 16	3 – 8	0	20 / 20	150	MAX2B
MAX2M080160 *	4 – 8	8 – 12	8 – 16	8 – 12	0	20 / 20	150	MAX2B
MAX2H080160	4 – 8	12 – 16	8 – 16	12 – 16	0	20 / 20	150	MAX2B
MAX2V080160	4 – 8	16 – 20	8 – 16	16 – 20	0	20 / 20	150	MAX2B
MAX2J130260	6.5 – 13	3 – 8	13 – 26	3 – 8	0	20 / 20	210	MAX2C
MAX2M130260 *	6.5 – 13	8 – 12	13 – 26	8 – 12	0	20 / 20	210	MAX2C
MAX2H130260	6.5 – 13	12 – 16	13 – 26	12 – 16	0	20 / 20	300	MAX2C
MAX2V130260	6.5 – 13	16 – 20	13 – 26	16 – 20	0	20 / 20	350	MAX2C
MAX2M200380S	10 – 19	6 – 14	20 – 38	14 – 16	0	18 / 18	200	MAX2H
MAX2M200400 *	10 – 20	10 – 15	20 – 40	10 – 13	0	18 / 18	200	MAX2F
MAX2M260400 *	13 – 20	10 – 15	26 – 40	12 – 15	0	18 / 18	200	MAX2F
MAX2M260400 *	13 – 20	10 – 15	26 – 40	12 – 13	0	18 / 18	200	MAX2G
MAX2M300500 *	15 – 25	10 – 15	30 – 50	8 – 11	0	18 / 18	200	MAX2F
MAX2M360500 *	18 – 25	10 – 15	36 – 50	8 – 11	0	18 / 18	200	MAX2F
MULTIOCTAVE BANDWIDTH								
MAX2J010060	0.5 – 3	3 – 8	1 – 6	3 – 8	0	20 / 20	150	MAX2A
MAX2M010060 *	0.5 – 3	8 – 12	1 – 6	8 – 12	0	20 / 20	150	MAX2A
MAX2H010060	0.5 – 3	12 – 16	1 – 6	12 – 16	0	20 / 20	150	MAX2A
MAX2V010060	0.5 – 3	16 – 20	1 – 6	16 – 20	0	20 / 20	150	MAX2A
MAX2J030180	1.5 – 9	3 – 8	3 – 18	3 – 8	0	15 / 20	150	MAX2B
MAX2M030180 *	1.5 – 9	8 – 12	3 – 18	8 – 12	0	15 / 20	150	MAX2B
MAX2H030180	1.5 – 9	12 – 16	3 – 18	12 – 16	0	15 / 20	150	MAX2B
MAX2V030180	1.5 – 9	16 – 20	3 – 18	16 – 20	0	15 / 20	150	MAX2B
MAX2J060260	3 – 13	3 – 8	6 – 26	3 – 8	0	12 / 15	210	MAX2C
MAX2M060260 *	3 – 13	8 – 12	6 – 26	8 – 12	0	12 / 15	210	MAX2C
MAX2H060260	3 – 13	12 – 16	6 – 26	12 – 16	0	12 / 15	300	MAX2C
MAX2V060260	3 – 13	16 – 20	6 – 26	16 – 20	0	12 / 15	350	MAX2C2

* Complete data sheet available inside catalog.

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DOUBLERS WITH INTEGRATED FILTERS								
MAX2M097103	4.88 – 5.13	8 – 12	9.76 – 10.26	11 – 15	3	-60 / -15	160	Consult factory
MAX2M132152	6.6 – 7.63	8 – 12	13.21 – 15.26	11 – 15	3	-60 / -15	160	Consult factory