

x2 Multipliers / Amplifiers

KMIC TECHNOLOGY offers a wide range of x2 multiplier/ amplifiers for terrestrial wireless applications.

Model Number	Input Freq (GHz)	Output Freq (GHz)	Input RF Power (dBm)	Output RF Power (dBm)	Harmonics (dBm min)	VSWR In/Out	DC Power (Volts)	DC Power (mA)	Length x Width x Height (in)
17.7 - 35.0 GHz									
88198AD	8.8 to 9.9	17.7 to 19.8	+10	+8 to +14	-20	1.5/1.5	+15	150	1.4 x 1 x 0.6
10200D	10.0	20.0	+10	+27	-20	2/2	+15	550	3.17 x 1.11 x 0.83
120240D	12.0	24.0	+10	+25	-20	2/2	+15	600	3.17 x 1.11 x 0.83
122255D	12.25 to 12.75	24.5 to 25.5	+10	+23	-20	2/2	+15	450	2.1 x 0.9 x 0.55
122265D	12.75 to 13.25	25.5 to 26.5	+10	+23	-20	2/2	+15	450	2.1 x 0.9 x 0.55
17530D	17.5	35.0	+10	+20	-20	2/2	+15	350	3.17 x 1.11 x 0.83