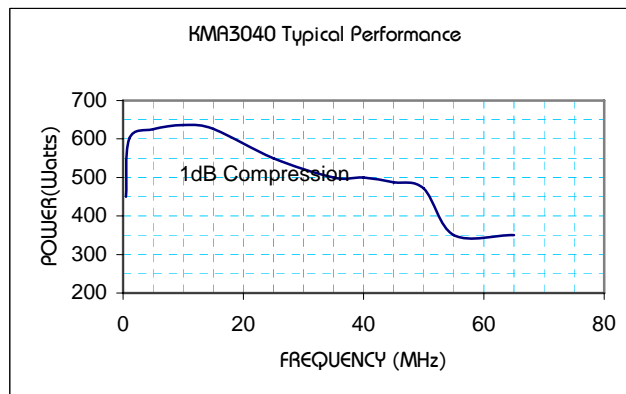


MODELS KMA3040
350 WATTS CW
300 kHz - 65 MHz

The Model KMA3040 is an RF power amplifier module for OEM applications or integration into a user system. The module comprises a printed wiring assembly with integral heatsink and aluminum enclosure with feed-through capacitive terminals for connection to the DC power source. Cooling requirements defined by the data provided below and protection of the output devices against output mismatch are the responsibility of the user.

SPECIFICATIONS

RATED POWER OUTPUT	350 Watts
INPUT FOR RATED OUTPUT	≤20 Watts maximum
POWER OUTPUT @ 1db COMPRESSION	350 Watts minimum
CLASS OF OPERATION.....	Class AB
FLATNESS	± 4.5 dB maximum
FREQUENCY RESPONSE.....	300 kHz - 65 MHz
GAIN	13 dB minimum
INPUT IMPEDANCE.....	50 Ohm nominal
OUTPUT IMPEDANCE	50 Ohm nominal
MISMATCH TOLERANCE	3:1 maximum
MODULATION CAPABILITY.....	Will faithfully reproduce AM, FM, or pulse modulation appearing on the input signal
NOISE FIGURE	10 dB typical
HARMONIC DISTORTION	≤ -12 dBc maximum
PRIMARY POWER	40 V _{DC} @ 20 A/25 A (Solder terminals)
RF CONNECTORS	BNC female in, N female out
COOLING.....	Maximum allowable enclosure temperature 60°C



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REV B

