

MODEL KMW2250
200 WATTS CW
6 MHz - 600 MHz

The Model KMW2250 is an RF power amplifier module for OEM applications or integration into a user system. The module comprises a printed wiring assembly housed in a machined 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	200 Watts
INPUT FOR RATED OUTPUT	20 Watts maximum
POWER OUTPUT @ 1db COMPRESSION	200 Watts minimum
CLASS OF OPERATION.....	Class AB
FLATNESS	± 1.5 dB maximum
FREQUENCY RESPONSE.....	6 MHz - 600 MHz
GAIN	13 dB minimum
INPUT IMPEDANCE.....	50 Ohm nominal
OUTPUT IMPEDANCE	50 Ohm nominal
MISMATCH TOLERANCE	2:1 maximum
MODULATION CAPABILITY.....	Will faithfully reproduce AM, FM, or pulse modulation appearing on the input signal
NOISE FIGURE	10 dB typical
HARMONIC DISTORTION	- 13 dBc maximum
PRIMARY POWER	28 V _{dc} @ 30 A (Solder terminals)
RF CONNECTORS	N female
COOLING.....	Maximum allowable enclosure temperature 60 °C



