



MODEL 200HA
200 WATTS
220-400 MHz

The Model 200HA is a self contained broadband amplifier designed for laboratory applications that require instantaneous bandwidth, high gain and moderate power output. When used with a frequency swept signal source, the Model 200HA provides 200 watts of swept power from 220-400 MHz. This highly reliable unit uses the latest solid state design technology which will operate into any load impedance without shutdown or damage. It is supplied in its own handsome bench top cabinet.

SPECIFICATIONS

POWER OUTPUT.....	200 watts \pm 1.0 dB cw into 50 ohms
FREQUENCY RESPONSE.....	220 to 400 MHz instantaneously
INPUT POWER FOR RATED OUTPUT.....	1.0 milliwatt
GAIN.....	53 dB minimum
OUTPUT ADJUSTMENT RANGE.....	Approximately 3 dB
OUTPUT IMPEDANCE.....	50 ohms nominal
INPUT IMPEDANCE.....	50 ohms, VSWR 2.0:1 maximum
HARMONIC DISTORTION.....	Not less than 18 dB below fundamental at 200 watt output. Typically 25 dB for frequencies above 260 MHz
MISMATCH TOLERANCE.....	Unconditionally stable; will operate with any magnitude and phase of source and load impedance
PRIMARY POWER.....	115/230 VAC, 50/60 Hz, 1200 watts
RF CONNECTORS.....	Type N Female
WEIGHT.....	90.0 lb.
SIZE (W x H x D).....	19.8 in x 11.3 in x 18.0 in 50.0 cm x 28.7 cm x 46.0 cm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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