



**Model ATH200M2G, M1
Antenna
200 MHz–2GHz**

The Model ATH200M2G is a wide band, high gain, microwave horn antenna that provides a typical gain of 7dB over isotropic. The Model ATH200M2G supplies the constant high intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. The Model ATH200M2G is also designed to perform emissions measurements. The Model ATH200M2G is compact and light weight for ready mobility and easily mounts on a tripod. The Model ATH200M2G provides the 200MHz–2GHz response required for many often-used test specifications.

The ATH200M2G is supplied with Antenna Factor calibration data taken horizontally polarized at 1, 3, and 10 meters. Additionally, this antenna can be custom calibrated to the user’s requirements. The calibrated model is designated by adding a ‘CC’ suffix to the desired model version. Calibration details must be provided using Form 701. Contact factory for details.

SPECIFICATIONS

- FREQUENCY RANGE200 MHz–2GHz
- POWER INPUT (maximum)See Model Configurations
- POWER GAIN (over isotropic)See Curve
- IMPEDANCE50 ohms nominal
- VSWR
 - Typical.....2:1
- BEAM WIDTH (average)
 - E PlaneSee Curve
 - H PlaneSee Curve
- FRONT TO BACK RATIO (minimum)20 dB
- CONNECTORSee Model Configurations
- MOUNTING PROVISIONS.....May be tripod mounted with or without tripod mount.
- WEIGHT10.21 kg (22.5 lbs)
- SIZE (WxHxD).....72.9 x 97.8 x 93.2 cm (28.7 x 38.5 x 36.7 in)

MODEL	MODEL CONFIGURATIONS	
	CONNECTOR	POWER CW
ATH200M2G	N (F) Precision	1000W
ATH200M2GM1	7-16 (F) DIN	1600W



