



**Model ATH4G6, M1
Antenna
4GHz–6GHz**

The Model ATH4G6 is a high gain, high power microwave horn antenna. With a typical gain of 18dB over isotropic, the Model ATH4G6 supplies the high intensity fields necessary for DO160 HIRF testing. The Model ATH4G6 is compact and light weight for ready mobility, yet is built tough enough for the extra demands of outdoor use and easily mounts on a tripod or mounting plate. Part of a family of microwave horn antennas, the Model ATH4G6 provides the 4-6GHz response required for DO160 test specifications.

The export classification for this equipment is EAR99. This equipment is controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

SPECIFICATIONS

- FREQUENCY RANGE4-6GHz
- POWER INPUT
 - Maximum800 Watts CW; 15 kW Peak Pulse
 - Peak Pulse less than 20%..... 15 kW Peak
- POWER GAIN (over isotropic) See Curve
- VSWR
 - Maximum 1.5:1
 - Average..... 1.3:1
- BEAM WIDTH (average)
 - E Plane See Curve
 - H Plane See Curve
- CONNECTOR7/16 DIN connector
- MOUNTING PROVISIONS..... Mounting pad on the E-plane and H-plane for tripod.
- WEIGHT 1.59 kg (3.5 lbs)
- SIZE (WxHxD).....23.11 x 17.01 x 46.99 cm (9.1 x 6.7 x 18.5 in)
- EXPORT CLASSIFICATION EAR99

MODEL CONFIGURATIONS

MODEL	CONNECTOR	CW; PEAK
ATH4G6	7-16 DIN female	800 Watts CW
ATH4G6M1	7-16 DIN female w/ 7-16 to N(f) adapter	300 Watts CW

