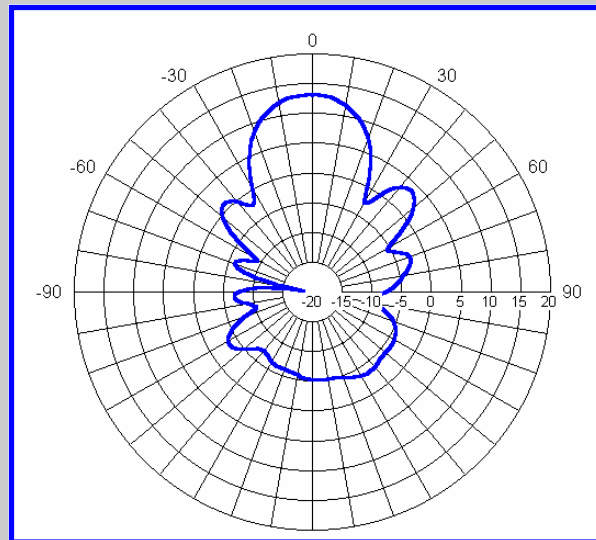
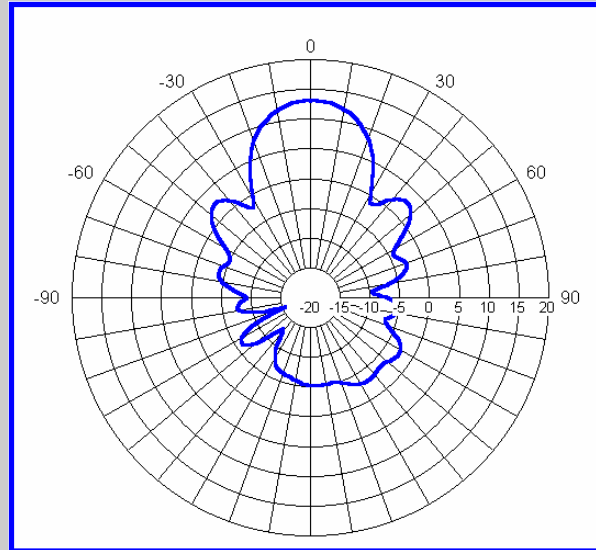


HE-238

Helical Antenna



The HE-238 is a high power, wide band severe duty antenna for both military and commercial applications. The antenna is constructed entirely of aircraft certified 6061-T6 aluminum and G-10 fiberglass with copper radiator in a 100% sealed radome. They are available as a single helix or as a dual mounted pair of tower mounted antennas (shown above). Several options are available for the tower mounted antennas including motorized azimuth rotators and adjustable elevation mounts. These antennas will provide years of trouble free service in the most severe environments and are currently in use by several U.S. Military installations in remote locations.



Specifications

Parameter	Specification
Frequency	1.1-1.8 GHz
Gain	HE-238-8 10.5 dB HE-238-10 11.5 dB HE-238-13 13.0 dB
HPBW	HE-238-8 40 deg HE-238-10 35 deg HE-238-13 30 deg
Polarization	Right Hand Circular
VSWR	1.6:1 max
Power	500 watts
Weight (dual mount)	21 lbs.
Azimuth Movement	360 deg, w rotator
Elevation Movement	-15 to 15 deg, manual

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