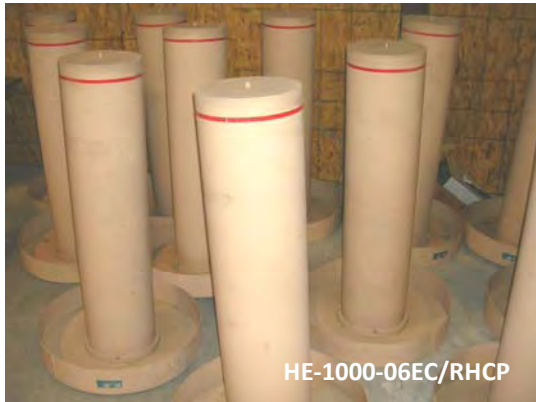


# Helical Antennas

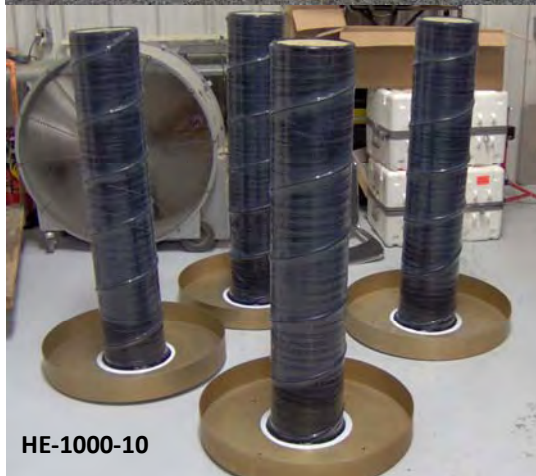
## HE-1000 Series Antennas



HE-1000-06EC/RHCP



HE-1000-06EC/LHCP in a 16-element array



HE-1000-10

The HE-1000 series antennas are high-power, wide band, severe-duty antennas that can serve both military and commercial applications. The antennas are constructed entirely of aircraft certified 6061-T6 aluminum with copper radiators all enclosed 100% sealed radomes. They are available as a single helix or as a pair, dual mounted on an antenna tower. 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.

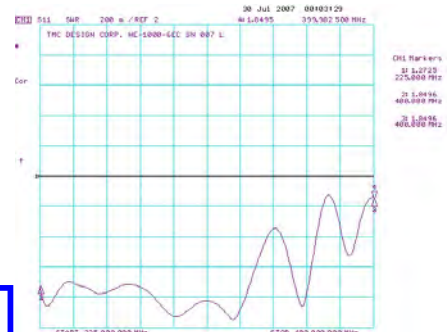
### HE-1000 Series Functional Specifications

Model	HE-1000-6EC	HE-1000-10
Frequency	225-400 MHz	230-360 MHz
Gain	10 dB	
HPBW	45 deg.	
Polarization	LHCP or RHCP	RHCP
VSWR	1.9:1 maximum	1.5:1 maximum
Power	1000 Watts	

### HE-1000 Series Mechanical Specifications

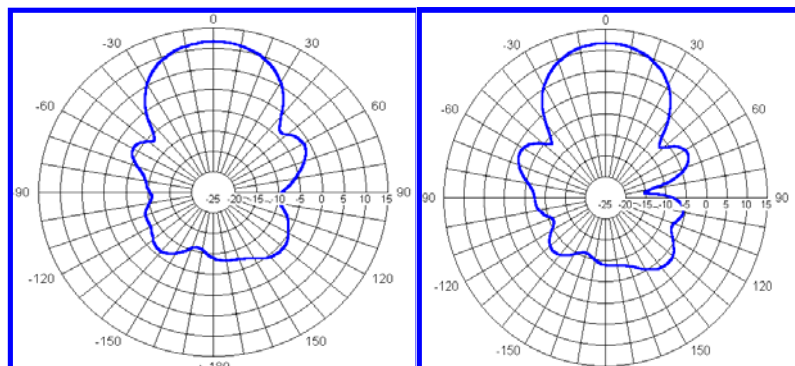
Weight	43 lbs.	45 lbs.
Dimensions	50.00" x 28.00"	52.68" x 30.00"
Connectors	Type N, HN or LC	

VSWR  
HE-1000-6EC  
LHCP



Azimuth

Typical gain plots taken from HE-1000-10



VSWR  
HE-1000-10

