



COMMUNICATION ANTENNAS

HRP-232-A

This is a low VSWR helical antenna that is ideal for UHF SATCOM communications applications. These are extremely durable antennas that can be deployed many times in harsh environments. The antenna can withstand 80 MPH wind with 1" of radial ice. The antenna has a gain in excess of 10 dBic and high front-to-back of 15 dB. The mast mount allows for azimuth and elevation adjustment.

An optional radome is available. LHCP polarization is also available.



SPECIFICATIONS:

Gain	10 dBic
Frequency	240 to 325 MHz
Polarization	RHCP
Impedance	50 Ohms
VSWR	1.5:1 nominal
Axial Ratio	<3 dB
Operating Temperature	-40° to +55°C
Wind Load	80 MPH with 1" radial ice
Power Handling	200 Watt CW
Antenna Connector	N-type Female
Mount	Base mount and mast; 0 to 90 deg elevation
Antenna Dimensions	62" long x 40" dia ground plane
Weight	29 lbs. /13.2 kg Antenna only Antenna and mount