



RH6229/RH62210-150W

Magnetic Half-Loop Antenna

- Built-in High Efficiency Automatic Tuner
- Multiple Antenna variations for implementing exact and required radiation patterns
- 0-600 mi. operation without skip zone
- Low sensitivity to electrical noise
- 0-100 miles, received signal SNR is 10db stronger than typical Whip Antennas
- Support for continuous duty data systems
- Collocation improvement
- Omni-directional for NVIS communication
- Easy to install

Technical specifications

Frequency Band:	1.6 — 30 MHz
Input Power:	< 125 W PEP and AVG
Tuned Antenna Input Impedance:	50 Ohm with VSWR < 1.5
Azimuth Radiation Pattern:	Omni-directional
Tuning Time from Memory:	< 300ms
Tuning RF Power:	7 w
Power supply:	12VDC, current less than 1A (24 VDC for HLA-6125)
Tuner Dimensions:	19.92"x10.24"x9.84" (505 x 260x250 mm)
Radiating Element Dimensions:	6'x 3" or 9'x4" (1.8x0.07 m or 2.74x 0.1 m)
Tuner weight:	15.4 lbs (7 kgs)
Operation Temperature Range:	-40 to 149°F (-40 to 65° C)