MICOM Tactical Antennas
HLA-6125 & HTDA-7125

HLA-6125
- Magnetic Half-Loop Antenna
- 0-1000km operation without skip zone
- Low sensitivity to electrical noise
- Up to +10dB higher link connections compared to whip antenna for 0-150km range
- Support for data & hopping
- Collocation improvement
- Omni-directional for NVIS communication
- Easy to install

HTDA-7125
- The Electrical Antenna design consists of an active tuner for 2 horizontal dipoles in 90 deg deviation.
- The antenna can be installed on a 1-11 “meter” mast.
- The HTDA 2-30Mhz version is the best solution for Naval applications and Land based applications with limited installation space.
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HLA-6125 & HTDA - 7125

HLA - 6125 Specifications

- Frequency Band: 1.5-30 MHz
- Input Power: < 125 W PEP and AVG
- Tuned Antenna Input Impedance: 50 Ohm with VSWR ≤ 1.4
- Azimuth Radiation Pattern: Omni-directional
- Tuning Time from Memory: < 5 msec HLA for Ran is compatible to all operating modes including FH
- Tuning RF Power: 20 w
- Power supply: +27VDC, current less than 1A
- Tuner Dimensions: 19.92"×10.24"×9.84"
- Radiating Element Dimensions: 2×3.28 ft. or 3×4.92 ft.
- Tuner weight: 15.4 lbs.
- Operation Temperature Range: -40 to 149°F
- HLA-6125 meets all MIL-STD-810F environmental requirements

HLA - 7125 Specifications

- Frequency Band: 1.5-30 MHz
- Input Power: < 125 W
- Tuned Antenna Input Impedance: 50 Ohm with VSWR ≤ 1.5
- Azimuth Radiation Pattern: Omni-directional +1 db
- Tuning Time from Memory: < 5 msec HTDA for Ran is compatible to all operating modes including FH
- Tuning RF Power: 20 w
- Power supply: +27VDC, current less than 1.2A
- Tuner Dimensions: 19.09"×17.13"×9.84"
- Recommended Antenna Height: 26.25 - 49.22 ft.
- Tuner weight: 33 lbs.
- Radiating Element weight: 3.3 lbs.
- Operation Temperature Range: -22 to 149°F
- Wind without ice: < 99.45 m/h
- HTDA-7125 meets all MIL-STD-810F environmental requirements

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