The L3Harris RF-7850A-AT002 is a vertically polarized, omni-directional UHF antenna operating within the 225-512 MHz frequency range. Designed for use with the L3Harris RF-7850A Falcon III® Airborne Networking radios, the AT002 is ruggedized for reliability during use on helicopters and subsonic aircraft. This antenna handles up to 150 watts of power, does not require external tuning and is DC grounded to drain static charges.

### ELECTRICAL
- **Frequency Range**: 225-512 MHz
- **Impedance**: 50 Ohms
- **VSWR**: 3.0 : 1 maximum
- **Polarization**: Vertical
- **Radiation Pattern**: Omni-directional
- **RF Power Capacity**: 150 W
- **Gain**: +1 dBi

### MECHANICAL
- **Connector**: TNC Female

### PHYSICAL
- **Dimensions**: 8.75 H x 11.5 W x 3.75 D in (22.2 H x 29.2 W x 9.45 D cm)
- **Weight**: 2.5 lbs (1.13 kg)
- **Finish**: CARC Black

### ENVIRONMENTAL
- **Altitude**: 50,000 ft above sea level
- **Impact Shock**: 30 g
- **Steady State Acceleration**: 6 g
- **Temperature**: -65°F to +131°F (-54°C to +55°C) (operational), -80°F to +185°F (-62°C to +85°C) (non-operational)
- **Humidity**: Fixed-wing vibration, Rotary-wing vibration, Rain, Sand and dust, Shock, Acceleration, Salt, Fog

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**RF-7850A-AT002 Airborne Antenna**
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