AN0973A

For tactical vehicles, the Silhouette™ antenna product line provides net-centric capability. An ultra-low profile clears the line of fire for remote controlled weapons, and makes for easy transport.
ANTENNA PATTERNS

FEATURES

- Optimized for tactical vehicles, combat vehicles and maritime on-the-move applications
- Rugged and low-profile
- Impact resistant UV stabilized polycarbonate
- Minimal visual signature
- Cost competitive

SPECIFICATIONS

PERFORMANCE SPECIFICATIONS

- Frequency: 420-450 MHz
- Impedance: 50 Ω
- VSWR: ≤2.0:1
- Polarization: Vertical
- Power Handling: 100 W CW
- Peak Gain: +3.0 dBi
- Average Conic Gain (20° Elevation): >0.0 dBi
- Coverage: Monopole (Omni)

PHYSICAL PROPERTIES

- Length x Width x Height (inches): 10.0 x 10.0 x 2.70
- Weight: <2.5 lbs
- Connector: Type N, Female

ENVIRONMENTAL QUALIFICATIONS

- Temperature: -40° to +180° F
- Altitude: 25,000 ft
- Humidity: MIL-810F Method 507.4
- Chemical: MIL-810F Method 504
- Salt Fog: ASTM B117
- Sand and Dust: MIL-810F Method 510.4
- Branch Strike: 50 mph
- Vibration: MIL-810F Method 514.5
- Shock: MIL-810F Method 516.5