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

SYSTEM PERFORMANCE

- **Performance Specifications**
  - Frequency
    - LOS: 225-400 MHz
    - SATCOM: 243-318 MHz
    - MUOS: 300-380 MHz
  - Impedance: 50 Ω
  - VSWR: ≤2.0:1
  - Polarization: Vertical/RHCP
  - Power Handling: 100 W CW
  - Peak Gain
    - LOS - dBil: 2.0 dBil
    - SATCOM - dBic: 2.6 dBic
  - Average Conic Gain
    - LOS - dBil: >-2.5 dBil
    - SATCOM - dBic: >-3.0 dBic
  - Average Conic Gain (10° Elevation)
    - LOS - dBil: >-3.5 dBil
    - SATCOM - dBic: >-4.2 dBic
  - Coverage: Upper Hemisphere (Omni)

- **Physical Properties**
  - Weight: <12.0 lbs
  - Connector: Type N, Female (Terminate Second Connector)

- **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

ADVANTAGES

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

SYSTEM COMPONENTS

Terminate unused port with a 50 Ω load rated to 25% of the maximum transmit power.