Compact, low-profile, single-port antenna covering two broad bands from 800MHz to 1GHz, and 1.7GHz to 2GHz. Applications include multiband communications. Circularly polarized with fixed scan angle of 30°. This antenna has been qualified for airborne ISR applications.

Specifications

**Electrical**
- Frequency Band: 820 – 960 MHz
- 1710 – 1990 MHz
- VSWR: < 2.0 : 1 typical (95% of band)
- 2.5 : 1 max
- Polarization: Right Hand Circular
- Beam Tilt: 30°
- Gain: 9 to 10.5 dBi
- Power: 20+ Watts CW
- Ground Plane: Ground Plane Independent
- Connector: SMA Female

**Mechanical**
- Weight: 7 lbs
- Dimensions: 16” Length x 16” Width x 2.31” Height
- Finish: Black, Painted
- Shock: MIL-STD-810, 20G
- Vibration: RTCA/DO-160
- Temperature: -35°C to +85°C (Operational)