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)