

16-113

High Power UHF, L-band Passive Blade Antenna

The 16-113 is a dual band passive airborne blade antenna operating at UHF and L-band frequencies.

Electrical Specification

Impedance	50 Ω
VSWR	225 - 240 MHz: <2.5:1 240 - 400 MHz: <2.0:1 960 - 1220 MHz: <1.8:1
Gain	225 - 400 MHz ≥ 0 dBi avg 960 - 1220 MHz ≥ 0 dBi avg
Polarisation	Vertical
Radiation	Omnidirectional

Mechanical Specification

Dimensions (LxWxH)	122 x 53 x 202 (mm)
Mass	0.47 kg
Connector	N Female
Platform(s)	Air

Standards

Environmental	MIL-STD-811
Continuous Operating Temperature	- 55°C Min + 95 (113 short term)°C Max
Altitude	70000 ft
Vibration	MIL-STD-810C, Method 514.2, Proc IA modified

Key Features

- Dual band passive**
- High radiating power (100W) in both bands**
- High Temperature**
- Stainless Steel LE available**

