

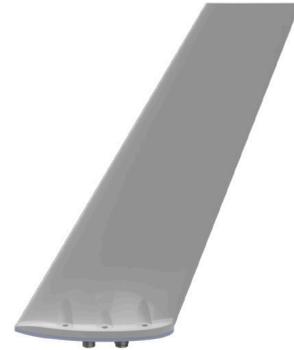
Tri-band ELT Dual Port Blade Antenna

Key features:

- **Multi-Band**
- **Dual port**
- **Aerodynamic**
- **Rugged**
- **Lightweight**

The 16-22-406 is a two port, three band high efficiency ELT blade antenna for use in airborne applications.

One port operates at 121.5 and 243MHz and the other port at 406MHz. The antenna comprises two separate radiating elements each reactively matched to achieve optimum impedance and radiation characteristics.



ELECTRICAL

Impedance	50 Ω	
VSWR	121.5 MHz:	<1.75:1
	243 MHz:	<1.75:1
	406 MHz:	<1.5:1
Gain	>+1dBi at 121.5MHz	
	>+3dBi at 243 and 406MHz	
Polarisation	Vertical	
Radiation	Omnidirectional	

ENVIRONMENTAL

Environmental	DO-160
Continuous Operating Temperature	- 55°C Min
	+ 70°C Max
Altitude	35000 ft
Vibration	RTCA DO-160C, Sect 8, Curve C

MECHANICAL

Dimensions (LxWxH)	221 x 52 x 257 mm
Weight	0.4 kg
Connector	BNC Female (121.5 and 243MHz) TNC Female (406MHz)
Platform(s)	Air

