

## Tall Tuneable VUHF Blade Antenna

### Key features:

- High gain (-12dBi) at 30MHz
- Rugged
- Version with IFF available (12-126L)
- Version with PU leading edge strip available (12- 126GW)
- Connector types available: N, TNC.

Tuneable monopole/passive blade antenna such that the tuneable section covers 30-88 MHz and 108-174 MHz, and the passive blade section on the outer surface of the shell covers 225 -400 MHz. It is designed for general sub-sonic airborne applications.



### ELECTRICAL

<b>Impedance</b>	50 Ω
<b>VSWR</b>	30-88 MHz < 2.5:1 108-117.975 MHz < 3.0:1 118-174 MHz < 2.5:1 225-400 < 2.5:1
<b>Gain</b>	30 MHz ≥ -12 dBi 45 MHz ≥ -8 dBi 88 MHz ≥ -5 dBi 108-174 MHz 0 dBi ave 225-400 0 dBi ave
<b>Polarisation</b>	Vertical

### MECHANICAL

<b>Dimensions (LxWxH)</b>	301 x 91 x 409 mm
<b>Weight</b>	2 kg
<b>Connector</b>	RF: TNC Female DC: PT02-12-10P

### ENVIRONMENTAL

<b>Continuous Operating Temperature</b>	- 35°C Min + 70°C Max
<b>Vibration</b>	BS 3G100 Pt 2 Section 3.3.1 Region A Cat 3

