

# 12-146

# CHELTON

## VHF Tuneable Blade Antenna

### Key features:

- High Gain ( $\geq 6$  dBi) at 30 MHz
- Ruggedized

The 12-146 is a VHF tuneable blade antenna operating over the frequency band 30-88 MHz



### ELECTRICAL

<b>Impedance</b>	50 $\Omega$
<b>VSWR</b>	30-88 MHz < 3.0:1
<b>Gain</b>	30 MHz > 6.0 dBi 88 MHz > 0 dBi
<b>Polarisation</b>	Vertical

### MECHANICAL

<b>Dimensions (LxWxH)</b>	301 x 92 x 400 mm
<b>Weight</b>	1.95 kg
<b>Connector</b>	TNC Female

### ENVIRONMENTAL

<b>Continuous Operating Temperature</b>	- 40°C Min + 85°C Max
<b>Altitude</b>	25000 ft
<b>Vibration</b>	MIL-STD-810E, Method 514.4, Proc I, Cat 6 mod

