12-136

CHELTON

Tuneable Blade Antenna

Key features:

ELECTRICAL

Impedance

VSWR

Gain

Polarisation

Radiation

- **Tuneable Blade**
- Height 409mm (16.1 inches)
- Gain at 30MHz > -12 dBi

50 Ω

30 - 88 MHz:

88 - 118MHz:

30 MHz:

45MHz:

88 MHz:

Vertical

108 - 174 MHz:

225 - 400 MHz:

Omnidirectional

108 - 118 MHz: <3.0:1 118 - 174 MHz: <2.5:1 225 - 400 MHz:

The 12-136 is a tuneable blade antenna designed to operate over the airborneV/ UHF communications band 30-400MHz.

It is suitable for use with compatible Logic Control Units, such as Chelton Type 7-151/7 and 7-171/7.

<2.5:1

<2.5:1

-12 dBi

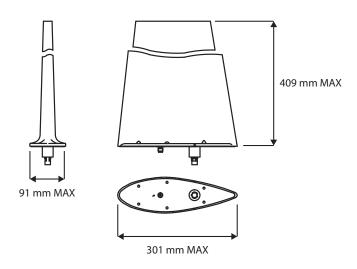
-8dBi

-5 dBi

0 dBi avg

0 dBi avg

<3.0:1 (MOD1 only)



Dimensions (LxWxH)	301 x 91 x 409 mm
Weight	2 kg
Connector	TNC Female
Platform(s)	Air

ENVIRONMENTAL

MECHANICAL

Standard	MIL-STD-810E
Continuous Operating Temperature	- 54°C Min + 70°C Max
Altitude	25000 ft
Vibration	Vibration MIL-STD-810E, Method 514.4, Proc l, Cat 6

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