

### 02511 - VHF Unity Gain Mobile Antenna

#### Description

The 02511 antenna, is a unity gain, rigid parallel, spring stainless steel, quarter-wave mobile antenna tuneable across the VHF band 123 to 174 MHz. Its robust construction ensure excellent longevity and performance. It is intended for use of the 02720 and 02740 mobile bases.

#### Applications

Mobile coverage for VHF commercial Radio Bands.

#### Construction

Parallel, rigid, spring Stainless Steel radiator. Nickel plated brass base ferrule.

#### Specifications

##### Electrical

Model	Frequency MHz	Gain (dB)	Tuned Bandwidth	Operating VSWR	Input Impedance
02511	125 - 174	0	15%	<2.0:1	50 ohms (Nominal)
			8%	<1.5:1	

All results are with antenna mounted in centre of roof.

##### Mechanical

Model	Construction	Length (m)	Width (m)	Weight (kg)	Termination
02511	Polished parallel Spring Stainless Steel Radiator.	0.589	N/A	N/A	5/16" 26 TPI Female Thread

#### VSWR



