

## BCF225-512

### Mobile UHF Dipole Antenna



The BCF225-512 is a rugged and robust centre-fed dipole antenna, designed for prolonged use under harsh operational conditions on hardened mobile/vehicular platforms.

The BCF225-512 is vertically polarized and omnidirectional.

The radiating element is remove-able from the spring base for easy stowage or for under-roof parking. The base may be fitted with other BCF antennas in different frequency ranges.

The BCF225-512 is spring mounted and is designed to survive multiple impacts.

The removable radiating section can be mounted on a bracket for mast mounting.

#### Features

- Compact and lightweight
- Easy to install and erect
- Standard 4 and 6 hole Nato mounting pattern.
- Colour options available
- Integrated GPS antenna available (optional)
- Rugged and durable
- Can be mast mounted using BMS-100 mast adapter.

#### Specifications

Frequency Range	225-512 MHz
Gain	0-2 dBi
VSWR	< 2.5:1
Input Impedance	50 $\Omega$ Nominal
Input Power	50 Watts
Input Connector	N female
Height	0.85 Meters (Including base)
Radiator Width	32mm
Weight	2.2 Kg
Environmental	MIL-STD 810G (see specification for details)