

V/UHF Wideband Center-fed Dipole Antenna



The VCF115-512 mobile antenna is an omnidirectional, vertically polarized, rugged and versatile V/UHF antenna intended for ground to air, ground to ground, ship to shore, marine and general tactical mobile communications in the 115-512MHz range.

Encased in a high strength fiberglass sleeve, the VCF115-512 is robust, impact resistant, and able to withstand the rigorous demands of harsh military and marine environments.

Being Center-fed in design, the VCF115-512 is ground plane independent and therefore ideal on platforms where limited or no ground plane is available, or for mast mounting (Mast adapter required).

The UBS-4 or UBS-6 Universal Mounting Base is ground isolated for use on platforms where electrical isolation is necessary, but may be grounded if required.

Optional internal GPS antenna available.

Specifications

Frequency Range
Input Impedance
Input Power
VSWR
Gain
Pattern
Polarization

115-512MHz
50 Ohm
50 Watts
< 3.5:1
-3 to +2dBi
Omni-directional
Vertical

Input Connector
Length
Weight
Environmental

N Female (BNC Optional)
1.25M (Incl. spring base)
3Kg (Incl. spring base)
MIL-STD-810F

