

## Low Profile End-fed Whip Antenna

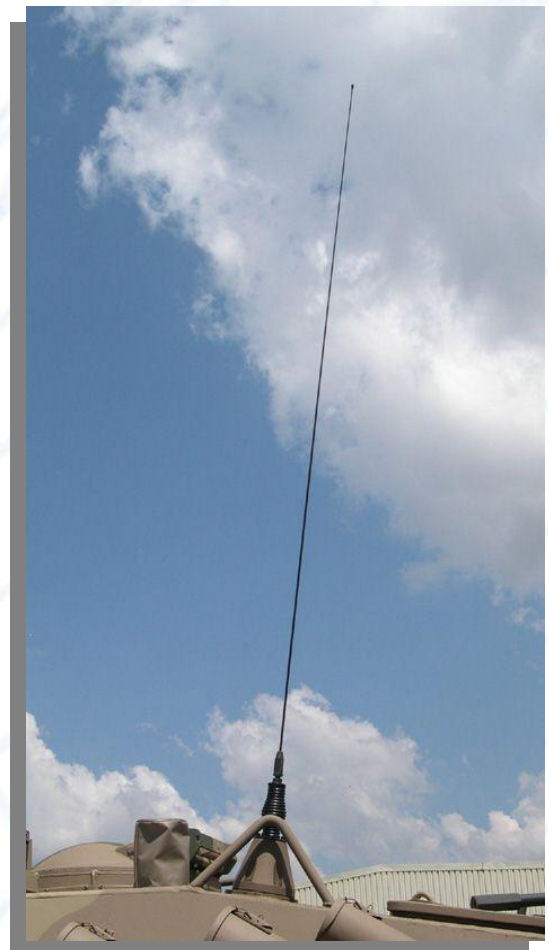
The REF30-90 mobile antenna is an omni-directional, vertically polarized, rugged and robust VHF antenna intended for mobile ground to ground and general tactical mobile communications in the 30-90MHz range.

The radiating element is a high strength stainless steel tapered whip section, providing excellent impact resistance and low visibility, able to withstand the rigorous demands of harsh military environments, on both soft skin and armored fighting vehicles.

Being an end-fed monopole design, the REF30-90 is low profile, small silhouette, and requires mounting on a suitable ground plane for efficient radiation and low VSWR characteristics.

4 hole or 6 hole NATO mounting patterns available.

Built in GPS antenna option available (REF30-90G).



### Specifications

Frequency Range  
Input Impedance  
Input Power  
VSWR  
Pattern  
Polarization

30-90MHz  
50 Ohm  
50 Watts  
< 3.5:1  
Omni-directional  
Vertical

Input Connector  
Length  
Environmental

N Female  
1.85 Meter  
MIL-STD-810F Qualified