

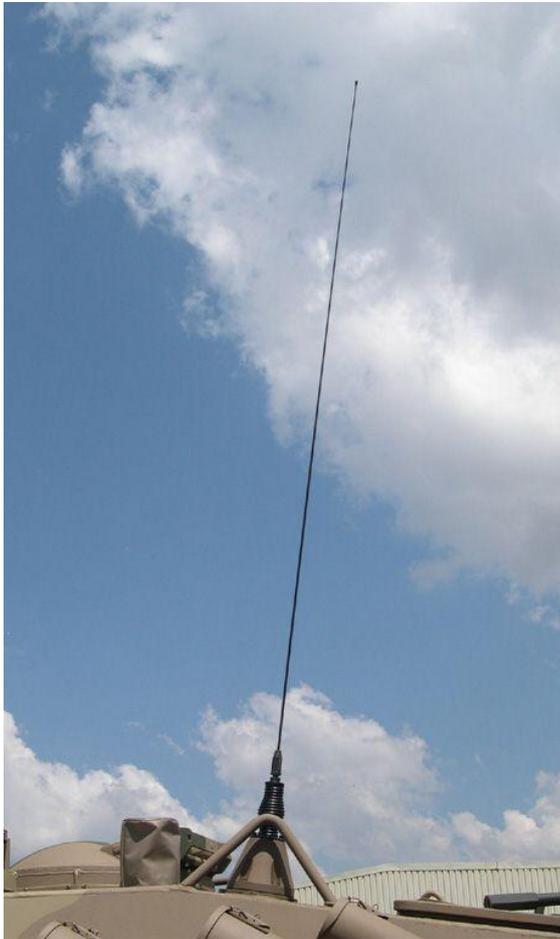


VERSION: 1.1

Low Profile End-Fed Whip Antenna

30 – 90 MHz

Product Code: REF30-90



SPECIFICATIONS:

Electrical:	
Frequency range	30 – 90 MHz
Gain	-6 dB – 0 dB w.r.t ¼ wave whip
Polarisation	Vertical
Nominal input impedance	50 Ω
Connectors	N-female
Power input	50 W
VSWR	< 3.5:1
Pattern	Omni-directional
Mechanical:	
Dimensions	Length: 1.85 m
Colour	To be specified
Environmental: designed to meet the following specifications	
MIL-STD-810F	

PRODUCT DESCRIPTION:

The REF30-90 mobile antenna is an omni-directional, vertically polarised, rugged and robust VHF antenna intended for mobile ground-to-ground and general mobile communications in the 30 to 90 MHz 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 environments, on both soft skin and rugged vehicles.

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

PRODUCT FEATURES:

- Omni-directional
- Vertically polarised
- Impact resistant
- Rugged
- Low profile

APPLICATIONS:

- Mobile ground-to-ground communications
- General communications



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