Feature
The gain of this antenna can extend the range of your radio up to 6 times. Many customers say it is like having a base station in your hand.

Unique Initial Warranty
If you feel that in 30 days this antenna has not extended your radio range, then return it in good condition for a full refund.

Warranty
This antenna is warranted against manufacturing defects for one year, from the date of sale.

Specifications

1) This antenna is an end fed halfwave type.
2) The telescoping unit extends to 36.5 in. and contracts to 9.0 in.
3) Titanium whip option, 36.5 in., and highly flexible for difficult environments.
4) The antenna impedance is 50 ohms for max. power transfer.
5) Frequency range 120-175 MHz. The antenna is factory tuned to your center frequency and has a +/- 3 MHz bandwidth after which, the gain gently rolls off.
6) The antenna input is a DC short to prevent radio failures from electrostatic discharge and nearby lightning strikes. This feature is rarely available on other manufacturers units and especially the low cost ones.
7) The antenna gain as compared to short helical as supplied with the radio is +11 dB.
8) The VSWR at center frequency is less than 1.15 and less than 1.5 at band edges.
9) The antenna is factory repairable. The telescopic section can be field repairable using PN RR-711 telescoper and we have yet to find, after 6 years, a Titanium whip failure.

Summary
This antenna has sufficient gain to extend the range of your handheld up to 6 times that of the rubber duck (helical) supplied with your radio. Most customers say that it is like having a base station in your hand.