α ALPHA ANTENNA®

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MOTO Guide

DESCRIPTION

The 'Alpha MOTO' can be used as a mobile HF antenna or as a stationary mobile HF antenna on 6-40 Meters using an external tuner at 100W PEP SSB, 50W CW, or 10W Digital.

More Power Handling

To increase the power handling capabilities to 250 PEP SSB, 125 CW, or 25 watts for digital modes when parked, install out optional 60 foot End-Fed element.

Assembly Instructions

WARNING - Never loosen any of the Bolts, Washers, Nuts, or Caps on the Match.

Preparations

Prepare your mounting option.

1) Install mount on a high stable metal part of your vehicle. NOTE – Alpha Antenna offers and recommends that a mount like our 'Jam Mount' and riser be used.

MOBILE

Installation

1) Insert the whip into the ferrule and tighten its' hex nuts.
2) Screw the ferrule/whip onto the MOTO's hex nut.
3) Install the match on your mount. We recommend a mount with a 1.5" high 3/8 24 female hex nut be used.
4) Attach and snake and 18 to 25 foot coax from your external antenna tuner to the SO-239 on the match.

Optional Configurations for Stationary mobile:

1. For enhanced 10-40M operations, replace the 5' whip with our 9'4" vertical element.
2. For tuner-free 10-80M operation, place a 60' wire on the top hex nut of the match after removing the 5' whip.