VHF UHF MilCom MOTO deploys quickly to establish stealthy Communications with Communities and Emergency EmComm Preparedness.

Use our Make an Offer Program and Click this button if you can’t afford full price.

Make An Offer (Without Options)

Antenna Specifications

- Coverage: 144-148MHz, 420-450MHz, 900MHz, 125-190MHz, and 366.437-1016.437MHz TX/RX
- Power: 100 Watts
- RF Connection: PL-259
- Impedance: 50 OHMs
- Connector: PL-259
- Diameter: 0.433 inches
- Length: 18.75 inches
- Gain/Minimum VSWR on Amateur Radio Frequencies: 2.1dBi/1.22:1 (144MHz), 4.6dBi/1.86:1 (430MHz), 5.5dBi/1.04:1 (900MHz)
- Other Frequencies below 2:1

Included

- 0.433 O.D. MilStick Antenna element for maximum strength
- 3 3/4-inch Heavy Duty Magnet Mount for superior holding strength with hex-wrench
- 16 feet 6 inch, 95% Shielded RG58 A/U Coax with PL-259 connector for direct connection to the radio

Using the Magnetic Mount, easily establish proper vertical polarization for use with mobile to mobile/base or repeaters for high efficiency and uninterrupted range.

Analysis

Click Images to enlarge.

MilCom Frequencies: 125-190MHz and 366.437-1016.437MHz

Amateur Radio Frequencies: 144-148MHz, 420-450MHz, and 900MHz band

366.437 to 1016.437 MHz SWR Analysis

125 to 190 MHz SWR Analysis

Amateur Radio (Ham) Frequencies

144 MHz Meter SWR Analysis
440 MHz Meter SWR Analysis
900 MHz Meter SWR Analysis

More Information

FAQs: Mobile HF antenna – Alpha Antenna

What is the best VHF UHF antenna?

For further information, you may enjoy reading the article: What are the best EmComm Antennas?

We listen!

We are dedicated to improving all of our Mobile HF VHF UHF Antennas. Specifications and descriptions are subject to change without notice.

5.0
★ ★ ★ ★ ★
★ ★ ★ ★ ★
Based on 5 reviews
5★
100
100%
4★

0%
3★
0%
2★
0%
1★
0%

Search

1-5 of 5 reviews

Most Recent

1. LM

   Protected_User_d5004ee8
   Verified owner
   January 4, 2026

   VHF UHF Mobile Military Antenna

   Verified review - view original

   Ordered this antenna it came quickly and works great .

2. A

   Protected_User_2f97d479
   Verified owner
   December 21, 2025

VHF UHF Mobile Military Antenna

Verified review - view original

This is a great antenna paired with my IC-2730. If I could give more than five stars, I would. Also, ordering was easy and delivery was quick.

3. A

Protected_User_6e3c9757
Verified owner
June 3, 2025

VHF UHF Mobile Military Antenna

4. R

Protected_User_6c0335cc
Verified owner
April 5, 2024

VHF UHF Mobile Military Antenna

Verified review - view original

great signal and strong magnetic base

5. G

Protected_User_df546cdd
Verified owner
October 6, 2023

VHF UHF Mobile Military Antenna

Verified review - view original

Thank you