

10-80M HF Vertical Antenna, ProMaster DX

HF Vertical Antenna for 10-80M that requires no radials. An external antenna tuner may be required if the antenna is not placed in a clear area. Otherwise, an internal antenna tuner can be used for best results.

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Make An Offer (Without Options)

SPECIFICATIONS

- Ground plane HF Vertical Antenna
- Height: 28.5 feet overall height (Deployed vertical element is 27 feet long)
- Frequency Coverage: 3.5 – 57 MHz TX, 2.0 – 90 MHz RX
- SWR less than 1.6 on amateur radio bands from 3.5 MHz to 57 MHz*
- Peak Power: 250 PEP SSB, 125 CW, or 25 watts for digital modes. NOTE – The MIL-STD-188 M110a digital communications mode is rated at bursts of 100 watts digital for up to 1 minute using the MIL-STD Data Modem Terminal (MS-DMT) and Automated Message Terminal (AMT) software applications
- Heat dissipation for the transformer occurs through 4 bolts to the 4-foot x 5-inch x 1/4-inch piece of aluminum
- Wind rating without ice: 85 MPH
- Weight: 11-pounds
- Selectable Mast Sizes: 1.25" or 2" mast sizes are available
- No Ground radials required (*Proper RF grounding of equipment is necessary)
- No manual adjustments of the antenna are required for tuning

INCLUDED

- Heavy duty mount and hardware for a standard 1.25" mast, which can be customized for industry standard 2" masts.
- Self-supporting telescopic Vertical Antenna element that is 27' long once deployed, which consists of five 6' sections and 4 Stainless steel clamps.
- Jumper wire to attach Vertical element to the Alpha Match, and
- Alpha Match with SO239 adapter

Analysis

Average HF Antenna SWRs.

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Band.	SWR
10 Meters.	1,7:1.
12 Meters.	1,8:1.
15 Meters.	1,3:1.
17 Meters.	1,4:1.
20 Meters.	1,9:1.
30 Meters.	1,8:1.
40 Meters.	1,5:1.
60 Meters.	1,8:1.
80 Meters.	1,9:1.

Assistance

[FAQs: ProMaster HF Base Antenna – Alpha Antenna](#)