Gypsy 7-30MHz Horizontal dipole antenna winding

Thank you for purchasing The WINDCAMP Gypsy series portable antenna. The antenna is design for operation in the 7-30MHz frequency range. The operating frequency is continuously adjustable giving you a full-size portable, horizontal dipole antenna. The antenna was designed with portable operation in mind. Windcamp wants to maximize your portable operating expirience.

Product Features :
1. Compact, lightweight 1:1 Balun rated at 100watts PEP
2. Convenient carry pouch to hold the Balun and antenna winders.
3 Common Amatuer bands (7MHz/14MHz/21MHz/28-29MHz) as well as the WARC bands are pre- marked , easy to adjust to the appropriate frequency.
4 Classic full-size horizontal dipole antenna does not sacrifice portability for bandwidth and gain .

Technical parameters:
Frequency Frequency: 7-30MHz continuously adjustable
SWR SWR: ≤ 1.2
Input impedance Impedance: 50 Ohm
Power Power: 100W PEP
Transducer material Irradiator: American Standard 20AWG tinned copper Teflon
Socket Type Outlet: SO-239
Balun: 1:1 100watt PEP
Package Size Package Size: 75×75×130 (WDH, mm)
Gross Gross Weight: 0.4kg

Packing List :
Balun x1, Premarked wire elements x2, winders for elements x2, pouch x1

Antenna Setup:
This product is designed specifically for outdoor Communications , in actual use can be adapted to local conditions , to use their own pole , trees and other supports. The antenna can be installed as flat-top, inverted “V” or sloped antenna. As with all antennas height is everything; the higher, the better.

The bands are marked and color coded with bits of heat shrink on the elements. A list of the bands and colors are marked on the winders. To put the antenna into service, attach the elements to the balun. Unwind the wire elements until you reach the marker for the desired band. Wrap the wire through the notches on the end of the winder to lock. Chek your SWR. Minimum SWR can be achieved by adjusting the length of the elements. In general an SWR of ≤ 1.2:1 can be achived. SWR can be affected by height above ground, antenna orientation, and object in the general area.