



## SWC-100 HF ANTENNA

HF BROADBAND CENTRE-FED DIPOLE  
3.5 - 30MHz

The SWC-100 is a commercial grade single wire broadband dipole antenna designed for base use.

The original SWC's that were first made over a decade ago are still going strong and have continually been improved and refined to ensure higher quality and durability than ever before.

The SWC-100 is 48m long, however, where space is limited, the SWC-100 can be set up as an inverted "V" from either of the two sets of mounting points. At a mast height of 10m, this setup has an average footprint of only 33m .

As with the majority of Bushcomm antennas the SWC-100 can be adapted to suit many different installation sites. It can be suspended, the higher the better, between any two points - although avoiding running it over iron-roofed building is advisable for optimal performance.

Being a *true broadband* antenna, the SWC-100 covers the frequency range of 3.5-30MHz **without using a tuner**.

## Product Brief

### SPECIAL FEATURES

- \* 3.5 – 30MHz
- \* NO TUNER REQUIRED
- \* S/S Wire & Fittings
- \* UV Resistant balun/load boxes
- \* Easy Installation (instructions provided)
- \* Data Version available "SWC-100C"



### **ALSO AVAILABLE:**

SWC-100S - 34m long  
SWC-100 - 48m long  
SWC-100E - 60m long

**125W High Power Digital Mode  
Models Now Available**



## SPECIFICATIONS

### ELECTRICAL

Frequency Range: 3.5-30 MHz  
Input Impedance: 50 OHM  
Power Input: 125 W PEP - 50 W Cont.  
Input Connector: UHF-type socket

### MECHANICAL

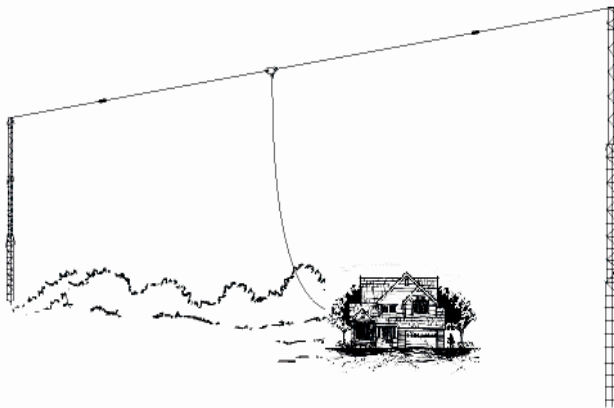
Shipping Weight: Approx 2KG  
Antenna Length: 48m



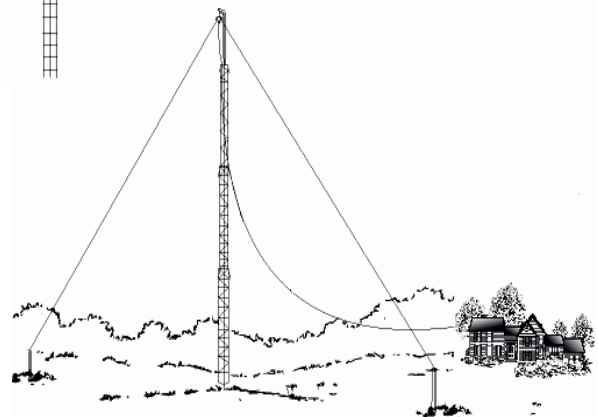
*Left: Bushcomm Balun showing coaxial strain relief feature.\*\*\*\**

\*\*\*\* Coaxial cable not included, however it can be purchased separately.

## RECOMMENDED INSTALLATION CONFIGURATIONS



**ABOVE: HORIZONTAL CONFIGURATION**



**ABOVE: INVERTED "V" CONFIGURATION**

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FOR FURTHER INFORMATION  
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