



## SWC-100C HF ANTENNA

HF BROADBAND CENTRE-FED DIPOLE  
High Power / Digital Mode 2.0 - 30MHz

The SWC-100C is a *high power* commercial grade single wire broadband dipole base antenna specifically designed for the Digital Voice and Data protocols employed by modern HF Transceivers

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-100C is 48m long, however, where space is limited, the SWC-100C 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 will need an average of 33m space.

As with the majority of Bushcomm antennas the SWC-100C 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-100C covers the frequency range of 2.0-30MHz **without using a tuner.**

## Product Brief

### SPECIAL FEATURES

- \* 2.0 – 30MHz
- \* NO TUNER REQUIRED
- \* S/S Wire & Fittings
- \* UV Resistant balun/load housings
- \* Easy Installation (instructions provided)
- \* 125W Digital Mode, 250W PEP

### **ALSO AVAILABLE:**

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

**125W PEP Analogue Voice  
Models Also Available**



## SPECIFICATIONS

### ELECTRICAL

- \*Frequency Range: 2.0-30 MHz
- \*Input Impedance: 50 OHM
- \*Power Input: 125W Digital & Data modes, 250W PEP
- \*Input Connector: UHF-type socket

### MECHANICAL

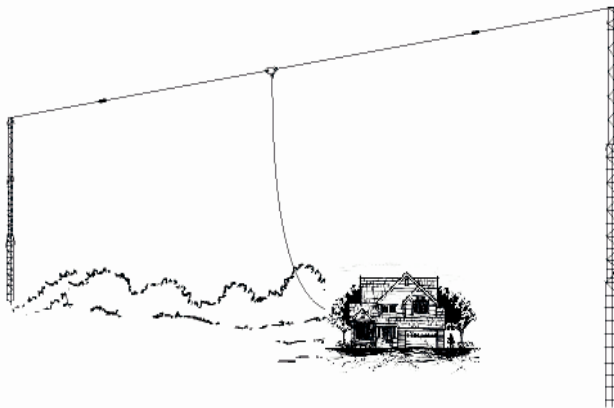
- Shipping Weight: Approx 2.5KG
- Antenna Length: 48m



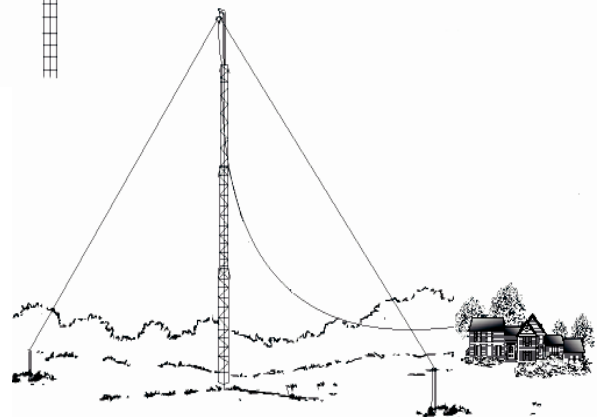
*Left: Bushcomm Balun showing coaxial strain relief feature.\*\*\*\**

\*\*\*\* 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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