



## SWC-100CE HF ANTENNA

HF BROADBAND CENTRE-FED DIPOLE  
High Power / Digital Mode 1.8 - 30MHz

The SWC-100CE 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-100CE is 60m long, however where space is limited, the SWC-100CE 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 have a footprint of only 56m approx.

As with the majority of Bushcomm antennas the SWC-100CE can be adapted to suit many different installation sites. It can be adapted to suit many different installation configurations. It can be suspended horizontally, as an inverted Vee, or even as a "Sloper" Antenna

Being a *true broadband/wideband* antenna, the SWC-100CE covers the frequency range of 1.8-30MHz **without the need of a tuner or coupler.**

## Product Brief

### SPECIAL FEATURES

- \* 1.8 – 30MHz
- \* NO TUNER REQUIRED
- \* S/S Wire & Fittings
- \* UV Resistant balun/load boxes
- \* 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: 1.8-30 MHz
- \*Input Impedance: 50 OHM
- \*Power Input: 125W Digital & Data modes, 250W PEP
- \*Input Connector: UHF-type socket

### MECHANICAL

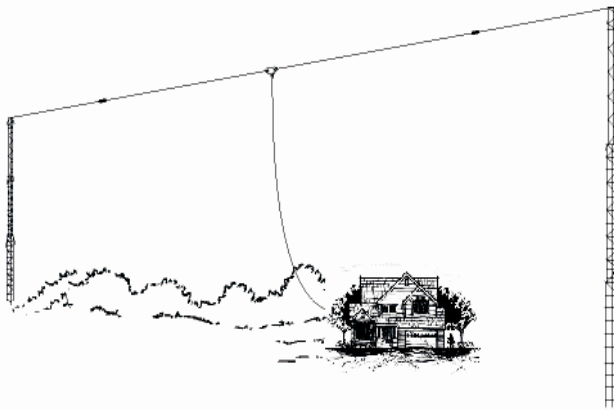
- Shipping Weight: Approx 2.5KG
- Antenna Length: 60m



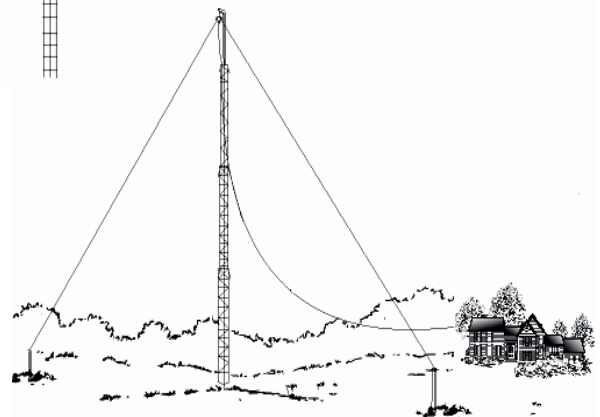
*Left: Bushcomm Balun showing coaxial strain relief feature.\*\*\*\**

\*\*\*\* 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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