



SWC-100CS HF ANTENNA

HF BROADBAND CENTRE-FED DIPOLE
"Digital Mode" 3.5 - 30MHz

The SWC-100CS 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-100CS is 34m long, however where space is limited, the SWC-100CS 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 27m.

As with the majority of Bushcomm antennas the SWC-100CS 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-100CS covers the frequency range of 3.5-30MHz **without the need of a tuner or coupler.**

Product Brief

SPECIAL FEATURES

- * 3.5 – 30MHz
- * NO TUNER REQUIRED
- * S/S Wire & Fittings
- * UV Resistant balun/load boxes
- * Easy Installation (instructions provided)
- * 125W Digital Voice & Data Compatible

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: 3.5-30 MHz
- *Input Impedance: 50 OHM
- *Power Input: 125W Digital & Data modes, 250W PEP
- *Input Connector: UHF-type socket

MECHANICAL

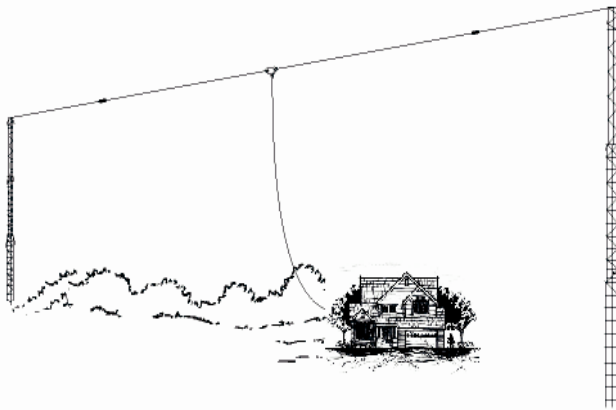
- Shipping Weight: Approx 2.5KG
- Antenna Length: 34m



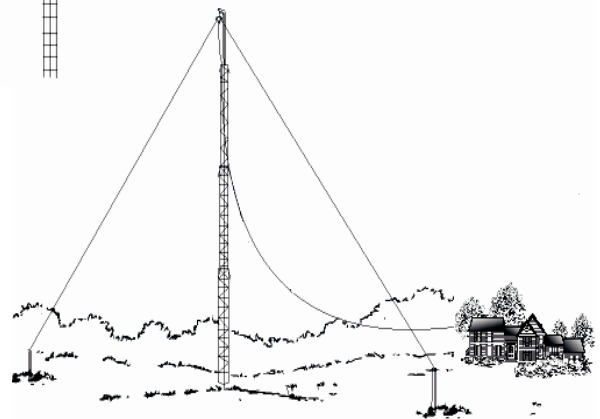
*Left: Bushcomm Balun showing coaxial strain relief feature.*****

**** 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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