Aerial Systems Australia

SWC-100C HF ANTENNA

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

Product Brief

SPECIAL FEATURES

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

The Bushcomm 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 two decades 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 footprint of only 43m .

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

Being a *true broadband/wideband* antenna, the SWC-100C covers the frequency range of 2.0-30MHz **without the need of a tuner or coupler**.

SWC-100 Models:

SWC-100CS - 34m long
SWC-100C - 48m long
SWC-100CE - 60m long

600W Models also available

Bushcomm HF ANTENNA MANUFACTURER

SPECIFICATIONS

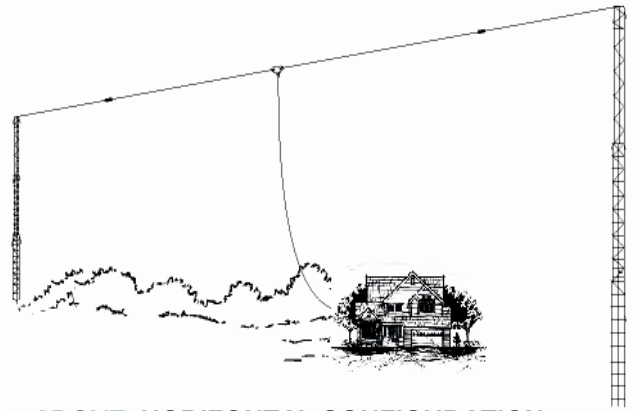
ELECTRICAL
***Frequency Range: 2.0-30 MHz**
***Input Impedance: 50 OHM**
***Power Input: 125W Digital & Data modes, 250W PEP**
***Input Connector: UHF-type socket**

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

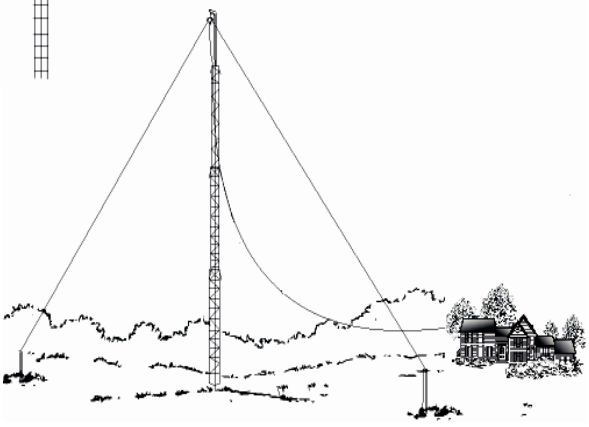
Left*: Bushcomm Balun showing coaxial strain relief feature.***

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

RECOMMENDED INSTALLATION CONFIGURATIONS



ABOVE: HORIZONTAL CONFIGURATION



ABOVE: INVERTED "V" CONFIGURATION

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Aerial Systems Australia P/L
EMAIL: sales@aerialsystems.com.au
WEBSITE: www.aerialsystems.com.au
PHONE: + 61 8 6144 3204

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VISIT OUR WEBSITE
www.aerialsystems.com.au