

CAROLINA WINDOM 160

Get no respect on 160? Try a 'CW 160'

New & Improved

See page 35 for new features.

It isn't easy to put out a respectable signal on 160 meters. It may be even harder on 80 meters because everyone has a strong signal. The CAROLINA WINDOM 160 comes to the rescue. The CAROLINA WINDOM is the antenna that has helped put many 160 and 80 meter stations on the map.

Specifications

Frequency Coverage:	160 - 10 meters + 30, 17, 12 WARC
Gain:	As much as 10 dBd*
Radiator Length:	Horizontal 265' Vertical 22'
Feedline:	50 ohm coaxial cable
Tuner needed:	Yes
SWR:	Low, adjust with tuner
Power Rating:	Legal limit, CW/SSB* *
Recommended Ht:	> 40' usable at 35'
Radials?	Not required

* Based on user reports and field evaluations. See explanations in "how it works" and various other sections of this reference catalog.

** CW/SSB duty-cycles only. Not rated for AM, RTTY and other high duty-cycle modes.

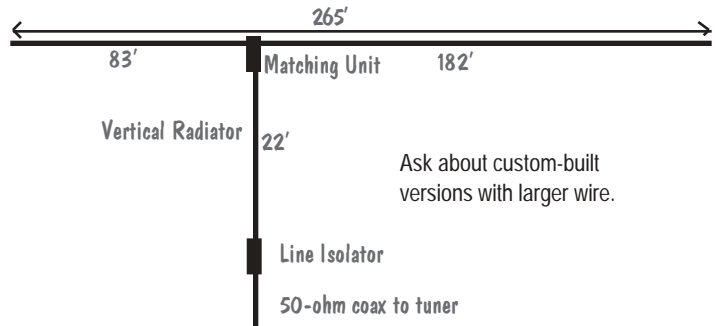
With 265 feet of wire, a Flat-top or Inverted-V are about the only support options available. On the low bands, the CAROLINA WINDOM 160's rivals are few, but you need a lot of room to put one up.

It will not hurt the antenna's efficiency if you bend the ends of the antenna slightly to make it fit into the space you have. Just keep the vertical radiator in the clear and the wire as high as possible

The MFJ-914 "range extender" will permit using your transceiver's automatic tuner with this antenna.

Or, use the fantastic, new LDG or MFJ automatic tuners.

All Bands, 160 -10 meters + WARC



List \$160 Catalog **\$150**

Prices and specifications are subject to change without notice.

Ground Space Needed

Configuration vs. Length Required

Flat Top:	265°
Inverted-V	240°
Inverted-U @ > 50'	Length = 256 - { 2 (height - 8') }
Sloper @ 40'	No major change in length requirements unless you have very tall supports.

General Mounting Requirements

- † Mounting height of vertical section: >35°
- † Absolute minimum angle between legs = 126°
- † Idea minimum angle between legs = 140°
- † Minimum height at ends = 8'

Recommended configuration

Flat-top, suspended between two tall trees located >265' apart or an Inverted-V supported by a tall center support.

Coax Length

Use any 50-ohm coax. RG-8X is recommended. Any length may be used in most installations.

Few of us have enough room for a full-size 160 antenna. Check out our CW 160 Special on page 45 for a space-saving alternative.