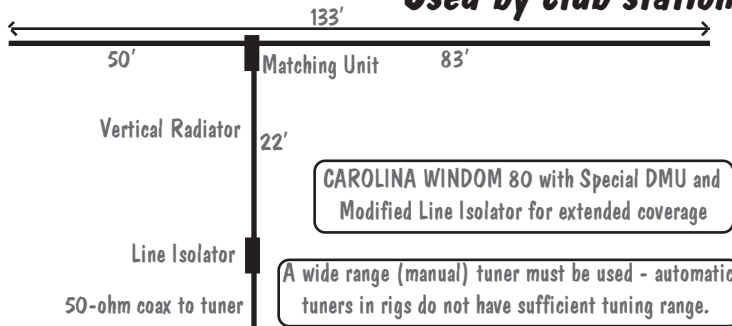


160 - 10 meters  
Half-size, only 66'

# CAROLINA WINDOM 160 Special

Used by club station 4U1WB at the World Bank



## Specifications

Freq. Coverage: 160-10 meters, see note  
 Radiator Length: 132'  
 Vertical Radiator: 22'  
 Polarization: Vertical and Horizontal  
 Matching Method: DMU + Your manual tuner  
 Tuner Needed: Yes, all bands (wide range on 160)  
 Power Rating,\* 1500 watts PEP, 80-10 m  
 500 watts PEP, 160 m see note  
 Recommended Height: >40', usable @ 30'  
 Radials: Not required

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

## 160 meter operation

The characteristics of the CAROLINA WINDOM outlined on the previous page hold for the CAROLINA WINDOM 160 Special and the CAROLINA WINDOM 80 Special.

The CAROLINA WINDOM was designed for 80-10 meter operation with optimization on 80, 40, and 20 meters. It has always been a top performer on 80 meters. Now, with its new, improved DMU and Line Isolator, the CAROLINA WINDOM 160 Special may be used on 160 meters, too. If you want to get your feet wet on 160 meters, but can't put up a full-size 160 meter antenna, the CAROLINA WINDOM 160 Special is an excellent choice. You don't give up any of the CAROLINA WINDOM's superior performance on 80-10 m and you pick up 160 meters in the bargain. Performance on 160 m will be down one or two S-units from a full-sized CAROLINA 160.

## Note: Power Reduction on 160 meters

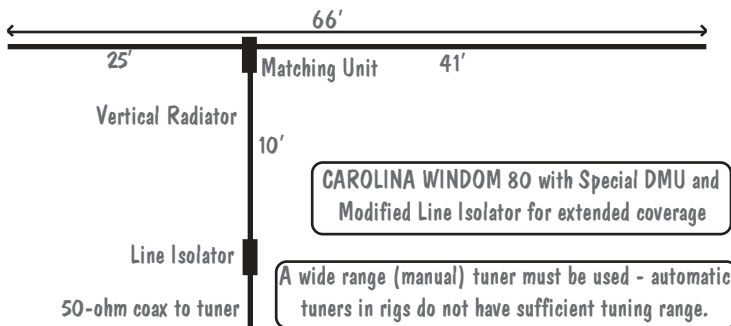
The CAROLINA WINDOM has been modified to permit operation on 160 meters. You MUST reduce transmitter output power to under 500 watts PEP, CW/SSB. Excessive power levels will destroy the Dedicated Matching Transformer or Line Isolator.

List Price \$150

**Special \$145**

80 - 10 meters  
Half-size, only 66'

# CAROLINA WINDOM 80 Special



## Specifications

Freq. Coverage: 80-10 meters  
 Radiator Length: 66'  
 Vertical Radiator: 10'  
 Polarization: Vertical and Horizontal  
 Matching Method: DMU + Your manual tuner  
 Tuner Needed: Yes, all bands (wide range on 80)  
 Power Rating\* 1500 watts PEP, 40-10 m  
 500 watts PEP, 80 m \*  
 Recommended Height: >35', usable @ 25'  
 Radials: Not required

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

\* IMPORTANT - On 80 m, reduce power to less than 500 watts PEP, SSB/CW, and use a wideband transmatch.

List Price \$150

**Special \$135**

Prices and specifications are subject to change without notice.

As noted in all 'Special' versions of the CAROLINA WINDOMS and Short CAROLINA WINDOMS, on the lowest frequency band, where the antenna is only 1/4 wavelength long, signal strength will be down but only about an S-unit or two from a full-size CAROLINA WINDOM 80 or CW Short 80. On 80 meters, where signals are generally very strong, there is little difference between being "30 over S-9" or "20 over S-9." You certainly won't do as well if you use a conventional antenna at half its design or resonant frequency. The CAROLINA WINDOM 80 Special should serve you well on 80 and provide its usual outstanding 40 - 10 meter coverage.

*These models feature all of the new improvements detailed on page 35.*