

**2m/70cm WideBand Mobile Gain whip Antenna
Fold Over Whip Structure**

NR240CA

OPERATING INSTRUCTIONS

Description

1. Fold over structure permits the antenna to be tilted in any direction.
2. The antenna is designed to compliment modern car designs.
3. High performance on 2m with 5/8 wavelength, and 70cm with two 5/8 wavelength phased element.
4. The antenna can be used to operate on both bands simultaneously by using optional antenna duplexers.

Adjustment

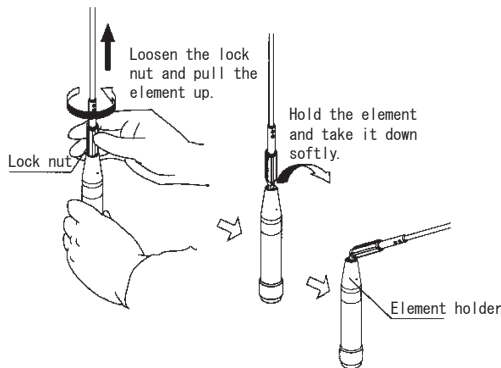
The NR240CA antenna is factory adjusted at the center frequencies both 2m and 70cm bands so that it can be used right out of the bag.

Assembling

Be sure to read all instructions before using antenna.

Fold Over Structure

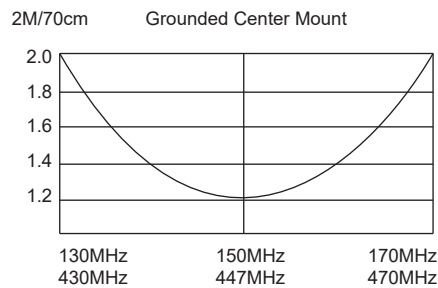
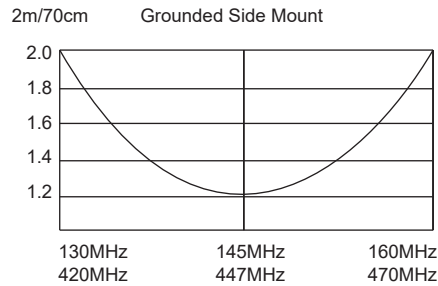
1. Loosen the lock nut and pull up on the whip when nut is turned down.
2. When setting up, raise the antenna vertically, set the element into the element holder, and fasten with lock nut.



Note

1. Since the antenna is a radialless structure on both bands, an antenna bracket is required for antenna to be properly grounded.
2. Since set screws in the antenna may be loosened due to vibration during driving, be sure to tighten the set screws on a regular basis.
3. Since the antenna is a DC ground structure, lower whip element and ground section of impedance matching section are conducted. The lower whip element and element and center conductor of impedance matching section are isolated.

VSWR charts



When using a mag mount the frequency/bandwidth will change.

**2M 140MHz to 170MHz
70cm 430MHz to 470MHz**



Specifications

Frequency	:130-160MHz, 420-470MHz
Gain	:3.8dBi(2m), 6.2dBi(70cm)
Max. power rating	:150W
Impedance	:50ohms
VSWR	:Less than 2.0
Length	:1.01m(39.8")
Weight	:440g(0.96lbs,)
Connector	:UHF
Type	:5/8-wavelength(2m), Two 5/8-wavelength phased element (70cm)

