

2m/70cm DualBand Mobile Gain whip Antenna Fold Over Whip Structure NR240C

OPERATING INSTRUCTIONS

Description

1. Fold over whip structure permits the antenna to be tilted for any direction.
2. The antenna is designed to go well with contemporary car design.
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

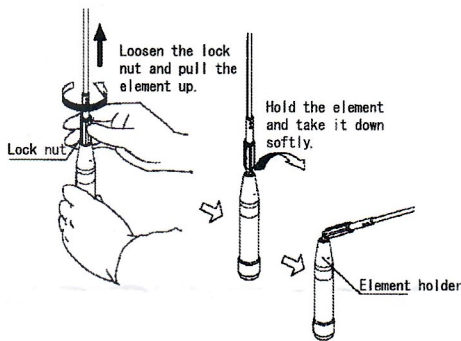
The NR240C antenna is factory adjusted at center frequencies both 2m and 70cm band so that it can be used as it is.

Assembling

Be sure to confirm the package before assembling the antenna.

Fold over whip element structure

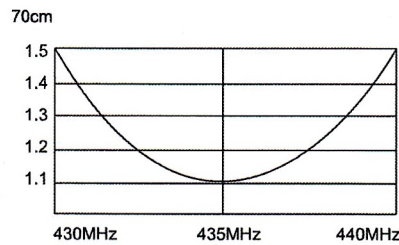
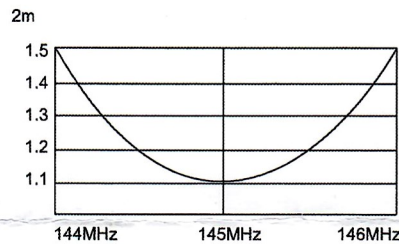
1. Loosen the lock nut and pull up when turned down.
2. When setting up, raise the antenna vertically, set the element into the element holder, and fasten with lock nut.



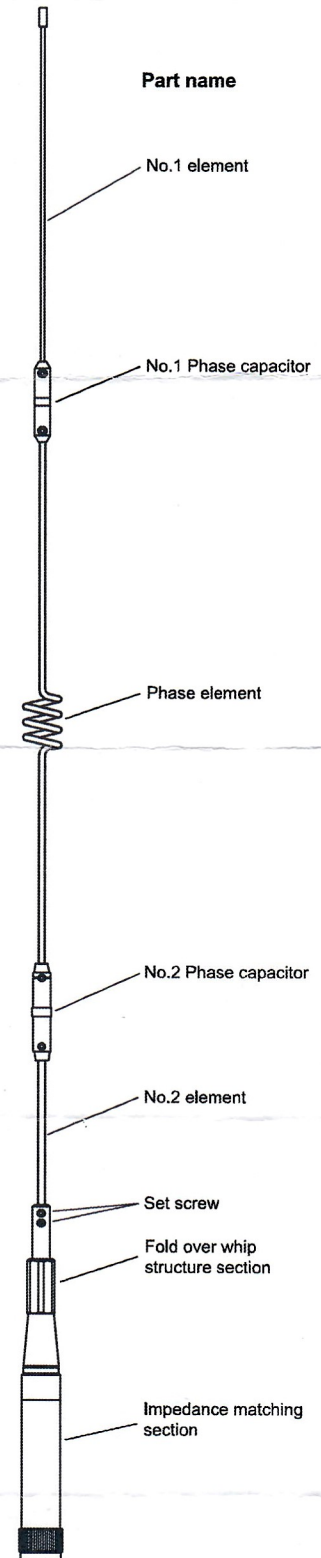
Note

1. Since the antenna is not radialless structure on both band, an antenna bracket is required to be grounded.
2. Since set screws in the antenna may be loosened due to the vibration during driving, be sure to fasten those screws from time to time after several drives especially if the antenna is right off from the package.
3. Since the antenna is DC ground structure, lower whip element and ground section of impedance matching section are conducted and lower whip element and center conductor of impedance matching section are isolated.

VSWR charts



Part name



Specifications

Frequency	:144-146MHz, 430-440MHz
Gain	:3.8dBi(2m), 6.2dBi(70cm)
Max. power rating	:150W
Impedance	:50ohms
VSWR	:Less than 1.5:1
Length	:1.01m(39.8")
Weight	:440g(0.96lbs.)
Connector	:UHF
Type	:5/8-wavelength(2m), Two 5/8-wavelength phased element (70cm)