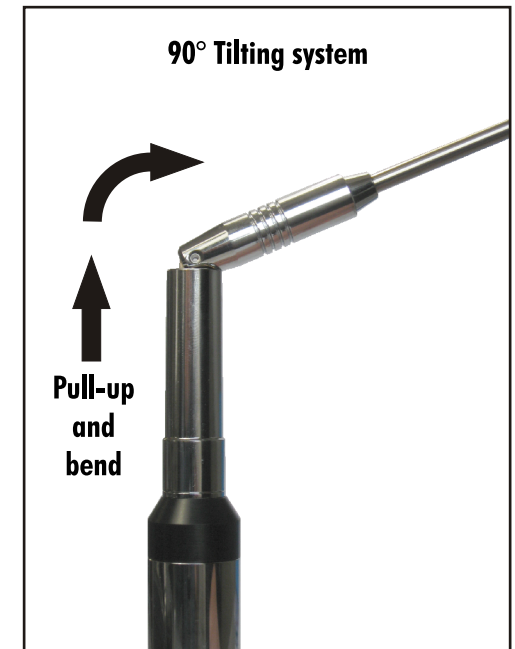


# ZN-22C

## 2m High Gain Mobile Antenna

### MAIN FEATURES

- 2 x 5/8 High Performance
- 6.5 dB Gain
- Up to 300 Watts input power
- Radialless mobile antenna
- Overall Height: 8' / 2.43m
- Tilting System enclosed
- Fully designed & Manufactured in Italy



HI-QUALITY ANTENNAS MADE IN ITALY

## DESCRIPTION

Since the antenna employs radialless structure, it works well at temporary fixed station, bicycle or with hand-held transceiver (works well with and without ground plane). The ZN-22C is factory adjusted to operate on entire 2m band without any modification. If frequency coverage of antenna has to be shifted the antenna can be realigned by putting whip element in and out from the tiltable whip section.

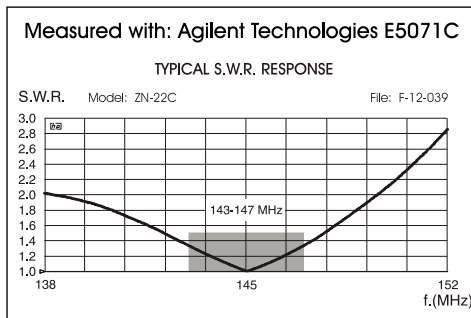
## SPECIFICATIONS

### Electrical Data

Type	: 2 x 5/8 $\lambda$ Colinear
Frequency Range	: 143 -147 MHz @ SWR $\leq$ 1.5
Impedance	: 50 $\Omega$
Radiation	: Omnidirectional
Polarization	: Linear Vertical
Gain	: 6.5 dB
Bandwidth @ SWR $\leq$ 2	: $\geq$ 9 MHz
SWR @ res. freq.	: $\leq$ 1.2
Power (CW) @ 30°C	: 300 Watts
Connector	: UHF-male (PL 259), gold plated central pin, PTFE insulator

### Mechanical Data

Materials	: Stainless Steel 17/7 PH, Nylon, Chromed Brass
Height (approx.)	: 2430 mm / 8 ft
Weight (approx.)	: 530 gr / 1.12 lb



## MOUNTING INSTRUCTIONS



**REMARK:** carefully lock the stainless steel radiator with hexagon socket set screw before using!



### Note:

- For your safety and that of other people it is recommended to use strong mount appropriate to the size of the antenna.
- NOT recommended to be used on magnetic mount when driving
- Be sure not to drive the car with the antenna tilted.
- Since those set screws on center inductor and whip element bracket may be loosened due to the vibration during driving, they have to be refastened from time to time after several drives especially the antenna is right off from the package