

# **Antenna Specification Sheet**

LA-122 – Telescoping dipole Antenna (216 MHz dipole only)



#### **Included:**

- (2) LA-102 Antenna
- (1) Grounding base
- (1) mounting bracket
- (1) Antenna Module

Additional components included that are not part of the 216 Dipole antenna included in the LA122:

- Two (2) Flexible Antenna (72 MHz)
- Two (2) Flexible Antenna (216 MHz)
- One (1) Grounding Base
- One (1) Mounting Bracket
- One (1) Wall/Electrical Box Mounting Plate
- One (1) Shorting Plate
- One (1) Antenna Module
- One (1) 25 ft. (7.6 m) Coaxial Cable RG-58 (terminated with BNC connectors on both ends)
- Two (2) Hex Kep Nuts
- Two (2) Fiber Washer
- Four (4) Machine Screw (#8-32×3/4")
- Four (4) Tapping Screw (#8-1/2")
- Four (4) Dry Anchors
- One (1) Owner's manual



### **Mechanical:**

Connector: BNC male

Height:

Extended 26.0 in. (66 cm)

Retracted 12.0 in. (30.5 mm)

Diameter: 0.315 in. (8.0 mm)

Finish: Painted

The following weight specifications are for the complete LA-122 kit

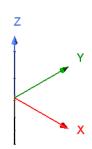
Weight: 2.0 kg (4.4 lbs.) Shipping Weight: 3.20 kg (7.0 lbs.)

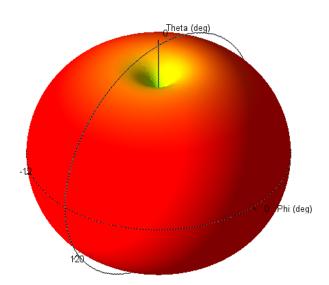
## **Electrical: (216 Dipole only)**

Frequency Range: 216-217 MHz
Gain: 2.45 dBi
Polarization: Vertical
Nominal Impedance: 50 Ohm
Max power: 1 W
VSWR: < 1.4:1

## **Radiation Pattern: (216 dipole only)**

3D view

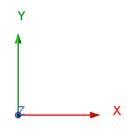


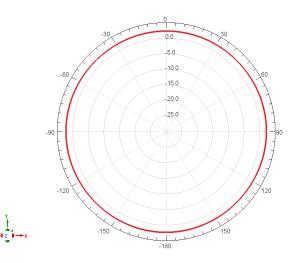




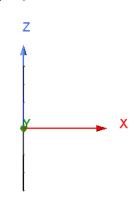


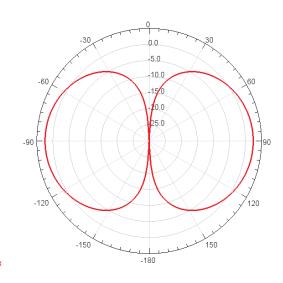






XZ plane (dBi)





YZ plane (dBi)

