

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:

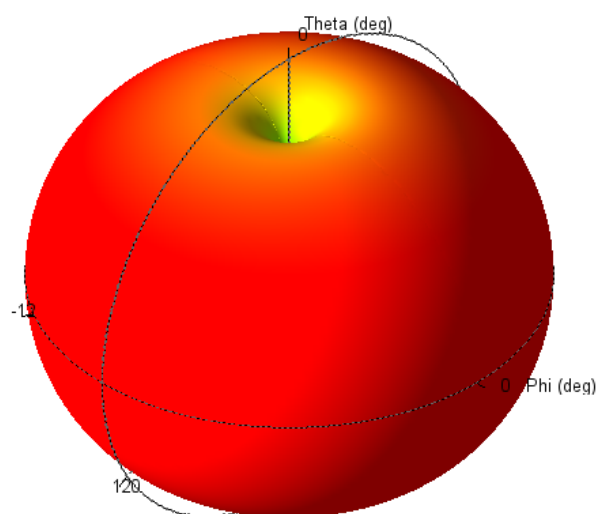
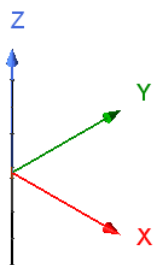
Connector:	BNC male
Height:	
Extended	26.0 in. (66 cm)
Retracted	12.0 in. (30.5 mm)
Diameter:	0.315 in. (8.0 mm)
Finish:	Painted
<i>The following weight specifications are for the complete LA-122 kit</i>	
Weight:	2.0 kg (4.4 lbs.)
Shipping Weight:	3.20 kg (7.0 lbs.)

Electrical: (216 Dipole only)

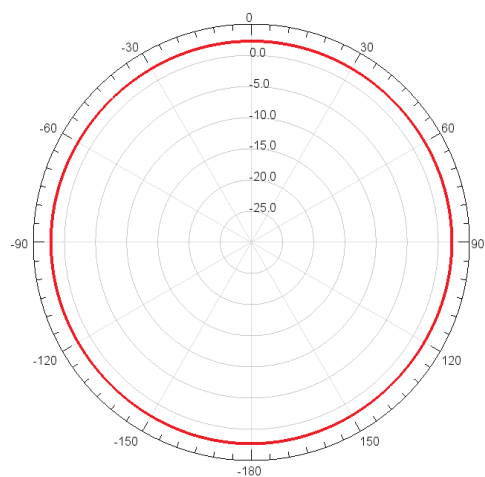
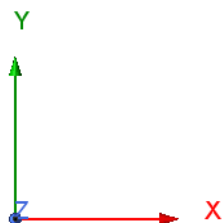
Frequency Range:	216-217 MHz
Gain:	2.45 dBi
Polarization:	Vertical
Nominal Impedance:	50 Ohm
Max power:	1 W
VSWR:	< 1.4:1

Radiation Pattern: (216 dipole only)

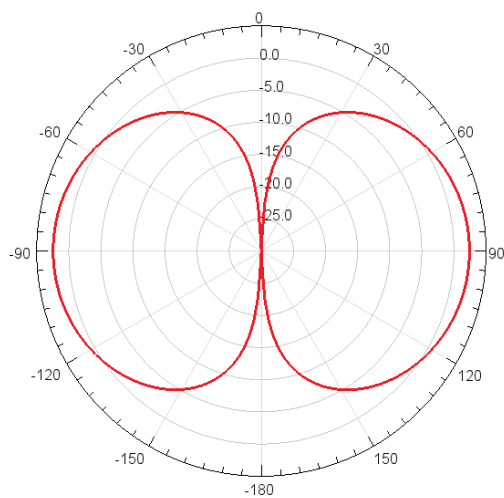
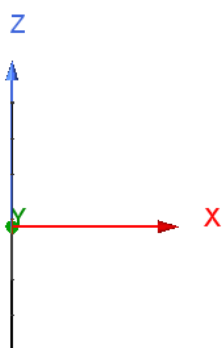
3D view



XY Plane (dBi)



XZ plane (dBi)



YZ plane (dBi)

