

Helical Top Mounted Antenna (72 MHz)

Part Number: LA-101 (72 MHz)

- Easy to use.
- Mounts through top of LT-800.
- Low profile clearance.
- For applications that require moderate range.
- Used with Listen's LT-800-072 Transmitter.



Specifications	
Frequency	72 MHz
Length	6.0 in. (15.24 cm)
Diameter	0.44 in. (1.10 cm)
Weight	1.6 oz. (45 g)
Shipping Weight	1.6 oz. (45 g)

Telescoping Top Mounted Antenna (216 MHz)/ (72 MHz)

Part Number: LA-102 (216 MHz) or LA-106 (072 MHz)

- Mounts through top of LT-800.
- Better coverage than helical antenna.
- Requires 40 in. (1 m) clearance for 72 MHz and 14 in. (35.6 cm) for 216 MHz.

Specifications		
Frequency	72 MHz (LA-102)	216 MHz (LA-106)
Length	39.25 in. (1 m)	25.75 in. (65.4 cm)
Diameter	0.25 in. (1.3 cm)	
Weight	10 oz. (284 g)	
Shipping Weight	10 oz. (284 g)	



Ground Plane Remote Antenna (216 MHz)

Part Number: LA-107 (216 MHz)

- Totally weather proof and can withstand high winds
- 1/4 wave antenna designed for outside mast or conduit mounting
- Use with Listen's LT-800-216, LR-100-216 or LR-600-216

Accessories:

- LA-108 Reverse BNC Male Connector for RG-58 Coaxial Cable
- LA-112 RG-58 50 Ohm Coaxial Cable
- LA-113 RG-8 50 Ohm Low-Loss Coaxial Cable
- LA-121 BNC to Reverse BNC Adapter
- LA-127 RG-58 BNC Connector
- LA-128 RG8 BNC Connector

Specifications	
Frequency	216 MHz
Length	17.5 in. (44.5 cm)
Diameter	30 in. (76 cm)
Weight	16 oz. (454 g)
Shipping Weight	16 oz. (454 g)



Coaxial Dipole Remote Antenna (72 MHz)/ (216 MHz)

Part Number: LA-116 (72 MHz) or LA-117 (216 MHz)

- Easy to install.
- Flexible for many different applications.
- Used in areas where better coverage is needed.

LA-116 Specifications		LA-117 Specifications	
Frequency Range	72.025 - 75.975 MHz	Frequency Range	216.0125 - 216.9875 MHz
Center Frequency	73.5 MHz	Center Frequency	216.5 Mhz
Length	76 in. (193 cm)	Length	24 in. (61 cm)
Connector	Standard BNC	Connector	Standard BNC
Gain	Unity Coax: RG-58	Gain	Unity Coax: RG-58



90° Degree Helical Antenna (72 MHz)/ (216 MHz)

Part Number: LA-123 (72 MHz) or LA-124 (216 MHz)

- Easy to Install.
- Rear mounts directly on Listen's LT-800 Stationary Transmitter LR-100 Stationary Receiver/Power Amplifier or LR-600 Wireless Speaker/Receiver.
- For applications that require moderate range.
- Perfect to interface with a wall plate.

LA-123 Specifications		LA-124 Specifications	
Frequency Range	72.0 - 76 MHz	Frequency Range	216.0 - 217.0 MHz
Center Frequency	73.5 MHz	Center Frequency	216.5 MHz
Length	8.38 in. (21.3 cm)	Length	4.88 in. (12.4 cm)
Connector Orientation	50 ohm BNC 90 degree vertical	Connector Orientation	50 ohm BNC 90 degree vertical



90° Articulating Antenna (863 MHz)

Part Number: LA-129 (863 MHz)

- The antenna can be remotely placed with the use of the LA-130 Remote Antenna Kit (863 MHz).
- With the use of the LA-326 Universal Antenna Kit and the LA-131 Antenna Kit for Rack Mount (863 MHz), the antenna can be placed at the front of the rack.

LA-129 Specifications	
Length (without connector)	7.75 in. (197 mm)
Length (with connector)	8.36 in (213 mm)
Unit Weight	1.1 oz.
Connector	BNC
Color	Black

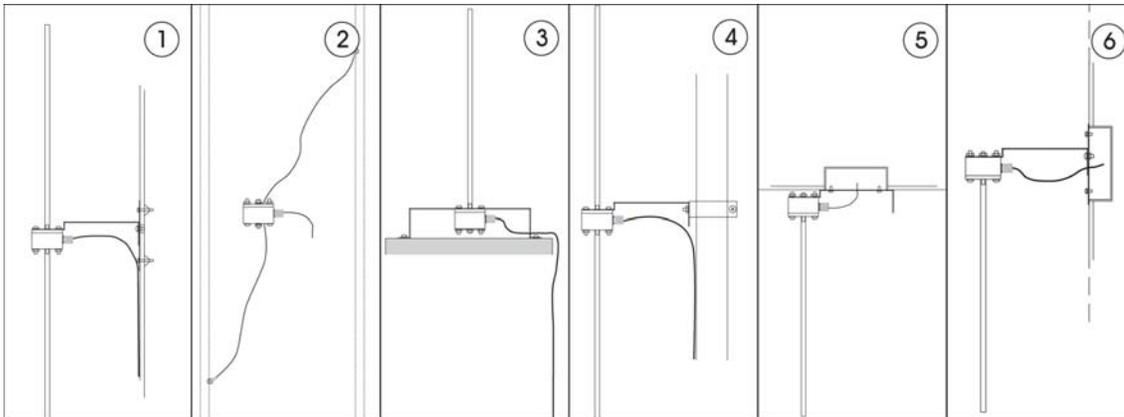


Universal Antenna Kit (72 and 216 MHz)

Part Number: LA-122

- Includes both 72 MHz and 216 MHz antennas.
- Monopole and dipole antenna options included.
- Rigid and flexible radials are included.
- All hardware to mount on a wall, on electrical boxes, on a horizontal surface (flat and inverse), inside a wall or ceiling is included.

Specifications	72 MHz	216 MHz
Frequencies	72.0 - 76.0 MHz	216.0 - 216.9875 MHz
Center-Frequencies	73.50 MHz	216.50 MHz
Antenna Types	Monopole and dipole	
Antenna Radials	Rigid and flexible	
Antenna Gain	Unity	
Dipole Vertical Clearance	79.75 in. (2.03 m)	25.75 in. (65.4 cm)
Connector	RG-58 BNC	
Coax Provided	25 ft. (7.6 m) RG-58, 50 ohm coaxial cable	
Mounting Options	Wall mount, dual and single electrical box, ceiling electrical box, horizontal surface mount (such as a top of a rack), ceiling/inverse mounting, flexible mounting in-wall or in ceiling and mast or conduit mount.	
Mounting Hardware	Includes self-tapping sheet, metal screws, drywall anchors, and all hardware required to mount to electrical boxes. Does not provide hardware required to mount to a mast (available at most hardware stores).	
Mounting Bracket Dimensions	4.5 x 7.0 x 2.5 in. (11 x 18 x 6.4 cm) W x D x H	
Mounting Plate Dimensions	4.48 x 4.55 in. (11.4 x 11.6 cm)	
Antenna Segment Lengths	39.25 in. (1.0 m)	12.25 in. (31.1 cm)
Weight	4.4 lbs. (2 kg)	
Shipping Weight	4.4 lbs. (2 kg)	
Shipping Box Dimensions	16.3 x 2.76 x 17.1 in. (41.4 x 7 x 43.3 cm)	



1. Wall mount dipole* or monopole
2. Flexible dipole (in a wall or rafter area)
3. Horizontal surface monopole (up or down)
4. Mast or conduit mount
5. Electrical box monopole inverse ceiling mount
6. Electrical box wall mount dipole* or monopole (single or double gang)

*Dipole antenna configuration recommended for best range/coverage. Should be oriented vertically for best results. Not weather proof or wind resistant. All of this and other information is available at www.ListenTech.com.

Antenna Kit for Rack Mount (72 MHz)/ (216 MHz)

Part Number: LA-125 (72 MHz) or LA-126 (216 MHz)

- Adapts LA-326 to become an antenna rack mount.
- Includes 90° Helical Antenna (LA-123 or LA-124).
- You must order the LA-326 Rack Mount Kit separately, or you can use the kit to build your own antenna.



Remote Antenna Kit (863 MHz)

Part Number: LA-130

- Allows for the antenna to be remote from the transmitter.
- The kit comes with 25 ft (7.6 m) of 50 ohm coaxial cable.
- Easily mount the bracket with the given hardware.

Physical Specifications	
Dimensions of the bracket (H x W x D)	2.38 in. (60 mm) x 2.13 in. (54 mm) x 1.31 in. (33 mm)
Bracket weight (w/ BNC bulkhead)	2.3 oz.
Bracket color	Black
Coaxial Cable Length	25 ft. (7.6 m)
Cable Weight	11.3 oz.
Cable Connectors	BNC
Cable Color	Black
Screw Size	#10
Weight (all parts)	13.8 oz.
Cable Specifications	
Impedance	50 Ohm
Type	RG-8



Antenna Kit for Rack Mount (863 MHz)

Part Number: LA-131

- Allows for the LA-129 90° Articulating Antenna (863 MHz) to be mounted on the front side of an equipment rack.

Physical Specifications	
Length	18 in. (45.7 cm)
Weight	1.4 oz.
Color	Black
BNC Weight	0.8 oz.
Weight (all parts)	2.2 oz.
Cable Specifications	
Impedance	50 Ohm
Type	RG-58

