

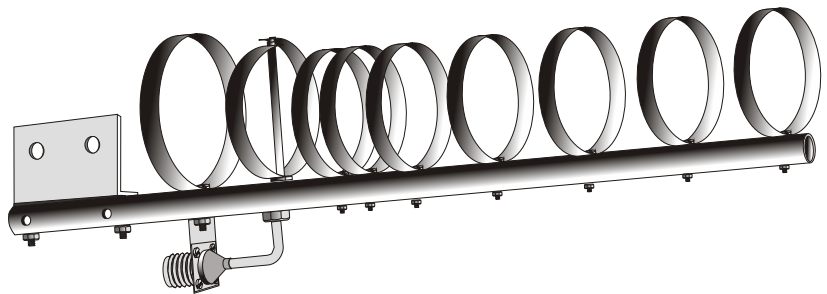
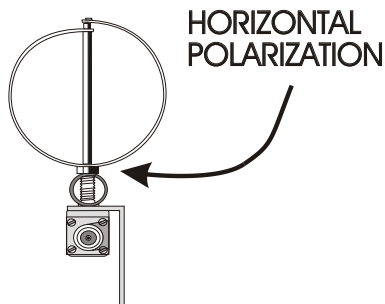


DIRECTIVE SYSTEMS

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2400-2500 MHz Loop Yagi, Model 1209LY

Frequency range:	2.40to 2.50 GHz	Gain:	11.5 dBi
Number of elements:	9	3 dB Beamwidth (E plane):	35°
Boom length:	12 inches	F/B ratio:	≥ 20 dB
Boom diameter:	0.5 inches	Maximum Power:	400 W average
Mast diameter:	1 1/2 in. max		
Weight:	1 pound		
Connector:	Type-N female		



ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate the U-Bolt package.
- 2) Insert U-Bolt into rear mount bracket. Note that the bracket is installed for horizontal polarization. (See drawing above.) Use alternate mtg holes for vertical polarization.
- 3) Attach the feed line, and tape it to the mast. The connector should be sealed with electronic grade RTV , butyl rubber, or equivalent. Don't forget to seal the area where the .141" semi rigid coaxial cable extends into the rear of the antenna connector.
- 4) Straighten any mis aligned elements and tighten hardware if necessary.
- 5) The antenna SWR has been adjusted at the factory for less than 1.5:1. Additional tweaking can be accomplished by adjusting the distance between the driven element and R1 and D1, or by adjusting the shape of the driven element.
- 6) If antennas are to be stacked, see "Instructions For Stacking Loop Yagis"
- 7) Enjoy your new antenna.