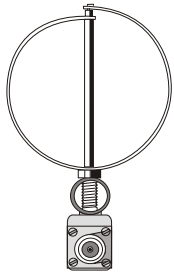




DIRECTIVE SYSTEMS

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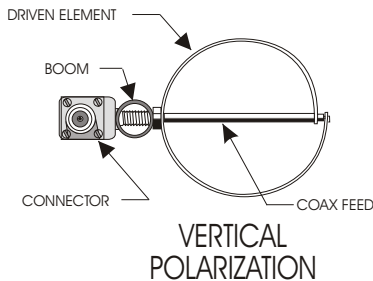
918 MHz Loop Yagi, Model 3311LY



HORIZONTAL
POLARIZATION

SPECIFICATIONS

Frequency Range:	910-930 MHz
Number of elements:	11
Boom Length:	36 inches
Boom diameter:	1 inch
Mast diameter:	1 1/2 inch max.
Weight:	2 pounds
Connector:	Type N female
Gain:	14.5 dBi
3 dB Beamwidth (E Plane) :	= 34°
F/B ratio:	> 20 dB
Maximum Power:	550 W. average
Stacking distance:	17 inches vertical (H) 19 inches horizontal (E)



VERTICAL
POLARIZATION

ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate the hardware package.
- 2) Insert the U-bolt in the Rear-Mount Bracket. The Bracket can be oriented for horizontal or vertical polarization. (See above figures.) There are two sets of mounting holes in the rear boom.
- 3) Attach the feed line. The connector should be sealed with electronic grade RTV 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 1.3:1. 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.