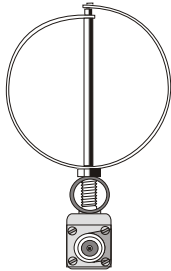




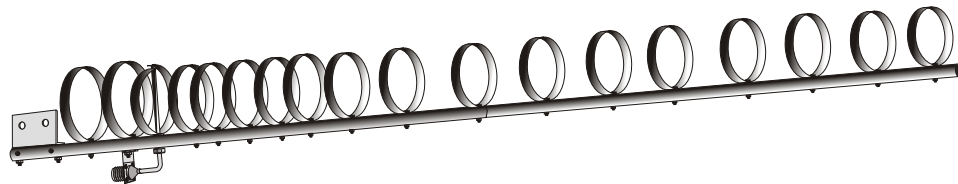
DIRECTIVE SYSTEMS

177 DIXON RD.
LEBANON, ME. 04027
TEL: 207-658-7758 FAX: 207-658-4337
www.directivesystems.com

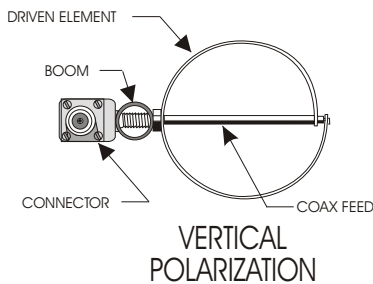
903 MHz Loop Yagi, Model 3318LYRM (REAR MOUNT)



HORIZONTAL
POLARIZATION



SPECIFICATIONS



VERTICAL
POLARIZATION

Frequency Range:	890-910 MHz
Number of elements:	18
Boom Length:	72 inches
Boom diameter:	1 inch
Mast diameter:	2 inch max.
Weight:	3 pounds assembled
Connector:	Type N female
Gain:	16.5 dBi
3 dB Beamwidth (E Plane) :	$\cong 30^\circ$
F/B ratio:	>20 dB
Maximum Power:	550 W. average
Stacking distance:	21 1/2 inches H plane 24 inches E plane

ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate the hardware package. Boom is broken between directors 8 & 9. Remove D8 and slide boom pieces together to alignment marks. Replace D8.
- 2) Insert the U-bolt in the Rear-Mount Bracket. The Bracket can be oriented for horizontal or vertical polarization. (See above figures.)
- 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.