

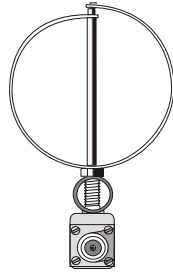


# DIRECTIVE SYSTEMS

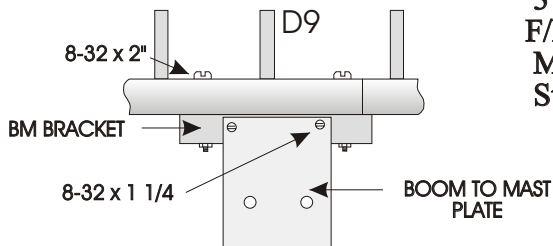
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## 900 MHz Loop Yagi, Model 3319LY

### SPECIFICATIONS



HORIZONTAL  
POLARIZATION



BM BRACKET  
DETAIL

Frequency Range:	890-915 MHz
Number of elements:	19
Boom Length:	72 inches
Boom diameter:	1 inch
Mast diameter:	1 1/2 inch max.
Weight:	4 pounds (assembled)
Connector:	Type N female
Gain:	16.5 dBi
3 dB Beamwidth (E Plane) :	=30°
F/B ratio:	>20 dB
Maximum Power:	550 W. average
Stacking distance:	21 1/2 inches vertical 24 inches horizontal

### ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate the hardware package. Boom is broken between directors 9 & 10. Remove D9 and slide boom pieces together to alignment marks. Replace D9.
- 2) Install the 3/4" square BM Bracket to the boom with the 2" screws & nuts provided. It should straddle D9. Bolt the mast plate to the BM bracket with the 1 1/4" screws. Insert the U-bolt in the Boom to Mast Plate along with the machined aluminum saddle. Attach 3319LY to your support mast.
- 3) Attach the feed line, and tape it to the bottom of the boom. 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, good DX, and thanks for getting on 900 Mhz! It's a great band!