



Directive Systems & Engineering

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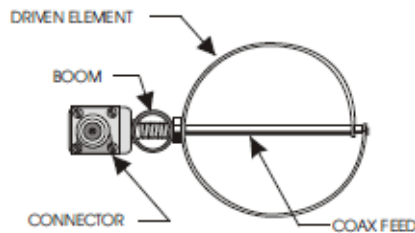
www.directivesystems.com

703-754-3876

958 MHz Loop Yagi (Rear Mount), Model DSE3318LYDRM



HORIZONTAL
POLARIZATION



VERTICAL
POLARIZATION

SPECIFICATIONS

Frequency Range:	930-990 MHz
Number of elements:	18
Boom Length:	72 inches
Boom diameter:	1 inch
Mast diameter:	2 inch max.
Weight:	4 lbs (assembled)
Connector:	Type N female
Gain:	16.5 dBi
3 dB Beamwidth (E Plane):	$\approx 28^\circ$
F/B ratio:	>20 dB
Maximum Power:	550 W. average
Stacking Distance:	
H Plane	21 1/2 in. vertical
E Plane	24 in. horizontal

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, and tape it to the mast. 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 misaligned 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".

Directive Systems Warranty Policy

All Directive Systems antennas are built with the finest materials available. We take great pride in building a quality product that will give years of good service and performance. If there is a defect in materials or workmanship within 90 days of purchase, Directive Systems will repair or replace, free of charge, the defective part. **DO NOT RETURN ANYTHING WITHOUT PRIOR AUTHORIZATION FROM DIRECTIVE SYSTEMS.** Please contact us either by phone or email describing the problem and we will work to resolve it. If, after examining a new antenna you received, you are not satisfied, contact us immediately for return authorization and refund. **ANY ANTENNA THAT HAS BEEN MODIFIED WILL BE SUBJECT TO A RESTOCKING CHARGE. IF AN ANTENNA IS SO MODIFIED AS TO MAKE IT UNUSABLE, DIRECTIVE SYSTEMS RESERVES THE RIGHT TO REFUSE TO ACCEPT THE ANTENNA FOR RETURN.**