

Directive Systems & Engineering

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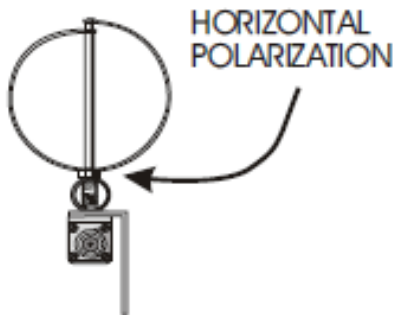
www.directivesystems.com

703-754-3876

2400-2500 MHz Loop Yagi, Model DSE1209LYRM

SPECIFICATIONS

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

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.**