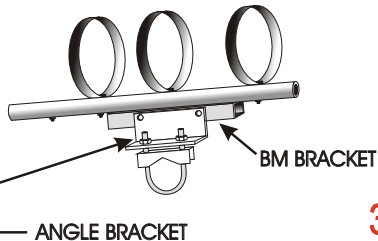
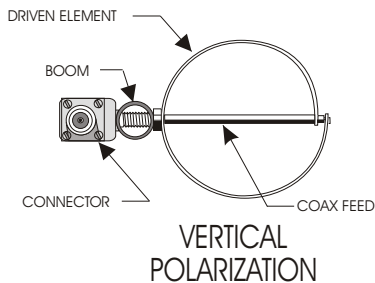




DIRECTIVE SYSTEMS

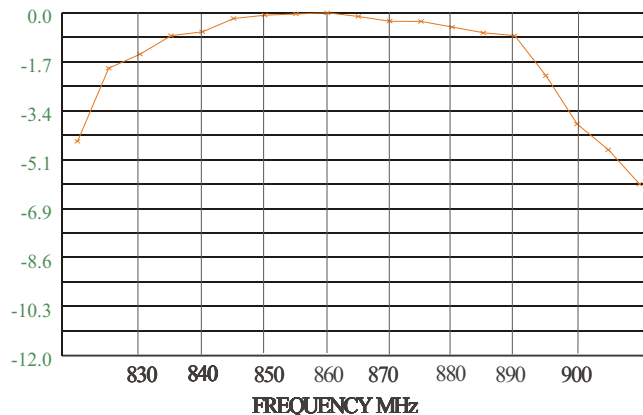
177 DIXON RD.
LEBANON, ME. 04027
TEL: 207-658-7758 FAX: 207-658-4337
www.directivesystems.com

Loop Yagi, Model 3319LYCEL SPECIFICATIONS



Frequency Range:	826-896 MHz
Number of elements:	19
Boom Length:	72 inches
Boom diameter:	1 inch
Mast diameter:	1 1/2 inch max.
Weight:	5 pounds (6 lbs shipping)
Connector:	Type N female
Gain:	16.5 dBi
3 dB Beamwidth (E Plane) :	$\cong 28^\circ$
F/B ratio:	>20 dB
Maximum Power:	550 W. average
Stacking distance:	18 inches vertical (H) 20 inches horizontal (E)

3319LYCEL GAIN BANDWIDTH



ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate hardware package. Remove Director 9, Connect the two boom pieces together at alignment marks. Re-install D9 and tighten 4-40 nut to secure boom.
- 2) Install the square BM Bracket in the holes provided near the boom splice. Use the two 2" machine screws provided. Attach the angle bracket to the BM bracket using the 1 1/4" machine screws. Install the 1 1/2" U-bolt in the angle bracket.
- 3) Attach the feed line. Tape feedline to antenna boom on opposite side from from loops! The connector should be sealed with electronic grade RTV or equivalent. 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.