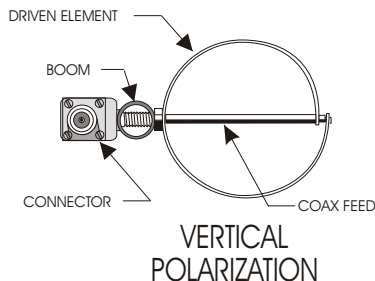
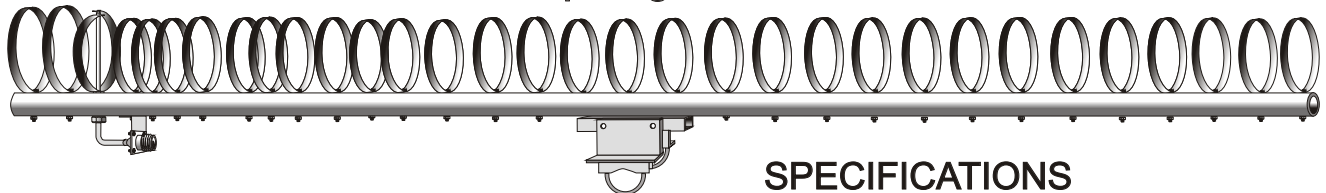




DIRECTIVE SYSTEMS

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

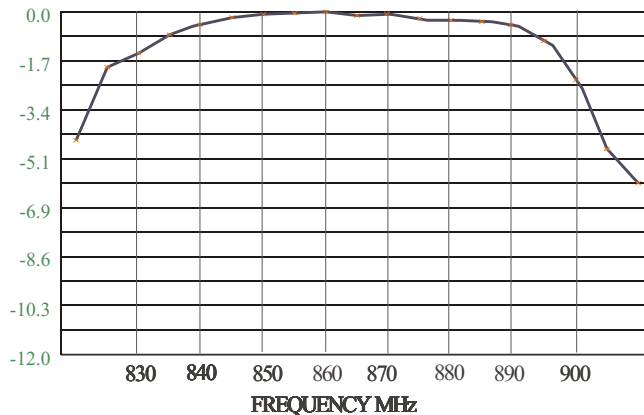
CELLULAR Loop Yagi, Model 3333LYB



SPECIFICATIONS

Frequency Range:	826-896 MHz
Number of elements:	33
Boom Length:	144 inches
Boom diameter:	1 inch
Mast diameter:	1 1/2 inch max.
Weight:	7 pounds (8 lbs shipping)
Connector:	Type N female
Gain:	18.0 dBi
3 dB Beamwidth (E Plane) :	$\cong 18^\circ$
F/B ratio:	≥ 20 dB
Maximum Power:	550 W. average
Stacking distance:	18 inches vertical (H) 20 inches horizontal (E)

3333LYB GAIN BANDWIDTH



ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate hardware package. Remove Director 17, Connect the two boom pieces together at alignment marks. Re-install D17 and tighten 4-40 nut to secure boom pieces together.
- 2) Install the vertical option kit, (2 angle brackets with 1 1/2" U-bolts) to the 3/4" BM bracket that is already attached to the boom at director 15. A picture is included with the hardware bag.
- 3) Attach the feed line. Tape feedline to antenna boom on opposite side 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.
- 5) The antenna SWR has been adjusted at the factory for less than 1.3:1.