



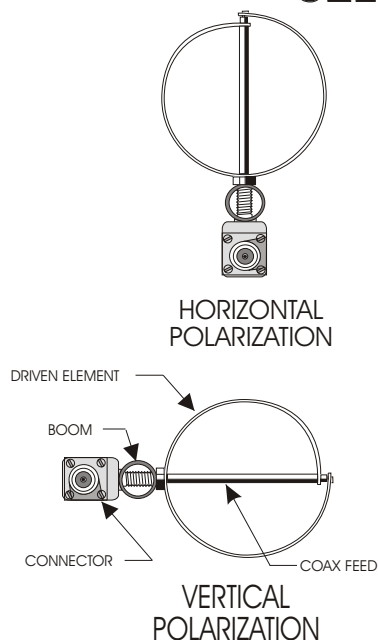
DIRECTIVE SYSTEMS

177 DIXON RD.
LEBANON, ME. 04027
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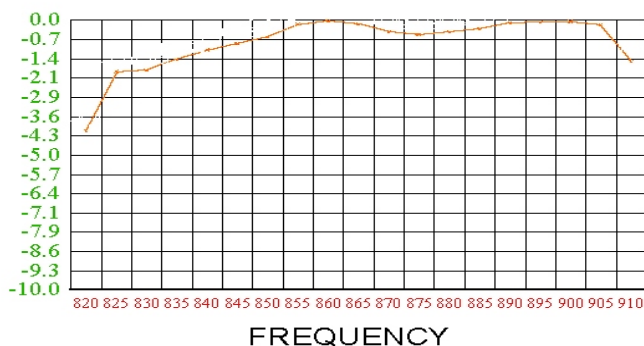
CELLULAR Loop Yagi, Model 3311LYCEL

SPECIFICATIONS

| | |
|----------------------------|--|
| Frequency Range: | 826-896 MHz |
| Number of elements: | 11 |
| Boom Length: | 36 inches |
| Boom diameter: | 1 inch |
| Mast diameter: | 1 1/2 inch max. |
| Weight: | 3 pounds (4 lbs shipping) |
| Connector: | Type N female |
| Gain: | 14.5 dBi |
| 3 dB Beamwidth (E Plane) : | =35°degrees |
| F/B ratio: | >20 dB |
| Maximum Power: | 550 W. average |
| Stacking distance: | 19 inches vertical (H) 21 inches horizontal (E) |



3311LYCEL GAIN BANDWIDTH



ASSEMBLY INSTRUCTIONS

- 1) Unpack antenna and locate the hardware package.
- 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. 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.