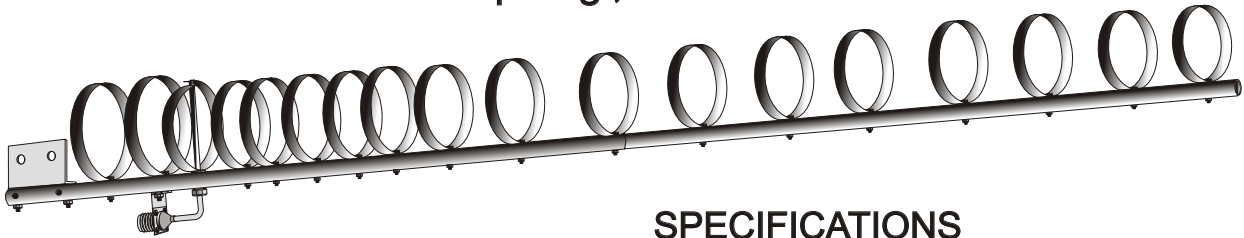




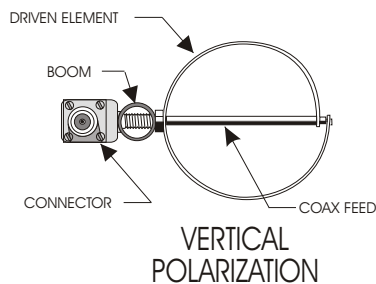
DIRECTIVE SYSTEMS

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

CELLULAR Loop Yagi, Model 3318LYBRM



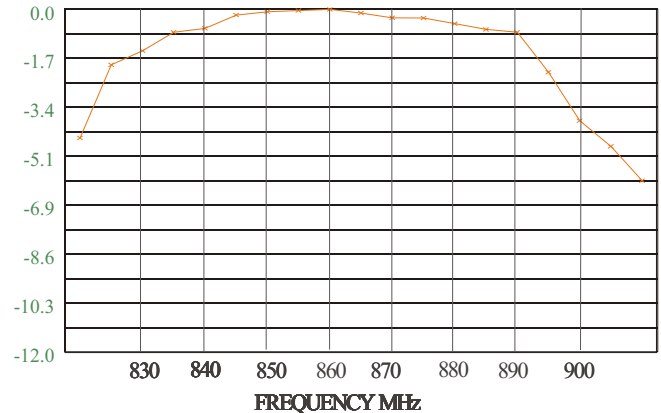
SPECIFICATIONS



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) :	28
F/B ratio:	>20 dB
Maximum Power:	550 W. average
Stacking distance:	18 inches vertical (H)

The 3318LYBRM has been designed to produce very high gain from 826 to 896 Mhz and will find many uses in improving performance in marginal areas. Special care has been given to produce an antenna that combines extremely high forward gain with no compromise in antenna pattern:

3318LYBRM 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 pieces together.
- 2) Install the 2" U-bolt in the angle bracket that is attached to the boom.
- 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.