

JAVA FM broadband log periodic antenna system is one of the finest available to the broadcasting industry. Ideal for High Gain Directional applications.

It is Broadband with Low VSWR across the entire FM Band. (87.5 to 108 MHz).

The antenna system consists of log periodic antenna assemblies, power divider, feed cables, mounting brackets/hardware to provide secure mounting to the tower.

Custom directional azimuth pattern and FCC Certification available .

Aluminum or Hot dipped Galvanized-optional

Custom directional patterns

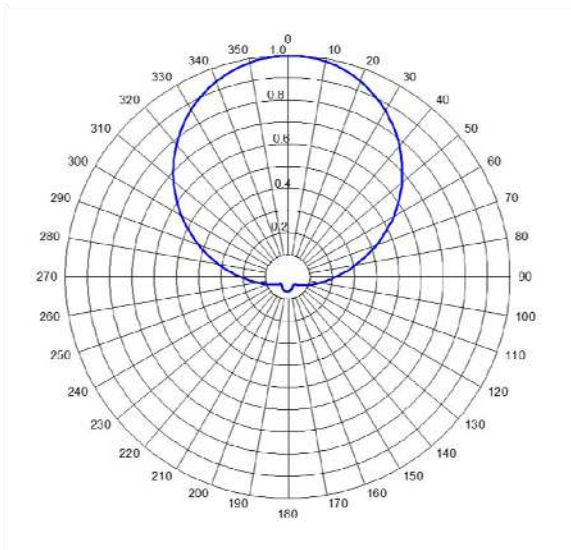
- FM Band: 87.5-108 MHz
- Element Gain: 6.5 dBd
- Input power: 5 kW
- VSWR: $\leq 1.3:1$
- FM Band Polarization: Vertical, Horizontal or Slant
- Input Connector: 7/8" EIA

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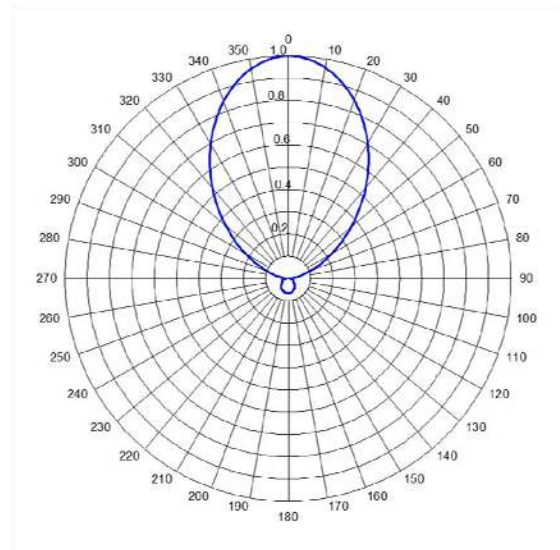
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# Bays	Power Gain	dB Gain	Safe Input	Weight	Wind load
	Time		Power KW	(lbs)	(lbs)
1	4.48	6.51 dBd	5 KW	CONTACT FACTORY	
2	8.95	9.52 dBd	5 KW		
3	13.43	11.28 dBd	5 KW		
4	17.86	12.52 dBd	5 KW		



Hplane Cut



Eplane Cut

NOTES:

1. All inputs EIA flange, female.
2. Power derating occurs above 2,000 ft. elevation.
3. Power and dB gains are typical Peak gains.
4. Special mounting brackets available.
5. Other combinations of EIA inputs and power rating available.
6. Other ratings available, contact factory.
7. Power gain is based on half wave dipole in free space.

**All specifications subject to change without notice.*

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