

The FXLP500X5-7 is a broadband log periodic antenna designed to be used for fixed mast & rotatable applications. The robust construction of this antenna provides operational reliability in the most severe environmental conditions. The antenna has a band pass covering 500-2500 MHz with a single input. At a power level of 400 Watts it has a VSWR of less than 2.75:1 throughout the operational band to provide an efficient match to all modern public safety transceivers. The FXLP500X5-7 provides good gain and front-to-back ratio.

Features

- Broadband
- Directional
- High Gain
- Low VSWR
- Vertical or Horizontal Polarization

Electrical Specifications

Frequency	500-2500 MHz
Polarization	Vertical or Horizontal
Impedance	50 Ω Nominal
VSWR	2.75:1 Maximum
Gain	7.5 dBi Minimum for all freq. range
500 MHz Radiation Pattern	Elevation: 53° Azimuth: 74°
1500 MHz Radiation Pattern	Elevation: 40° Azimuth: 77°
2500 MHz Radiation Pattern	Elevation: 35° Azimuth: 60°
Front-to-Back Ratio	20 dB
Power	400 Watts CW
Connector	N Type Female Located in Center

Mechanical Specifications

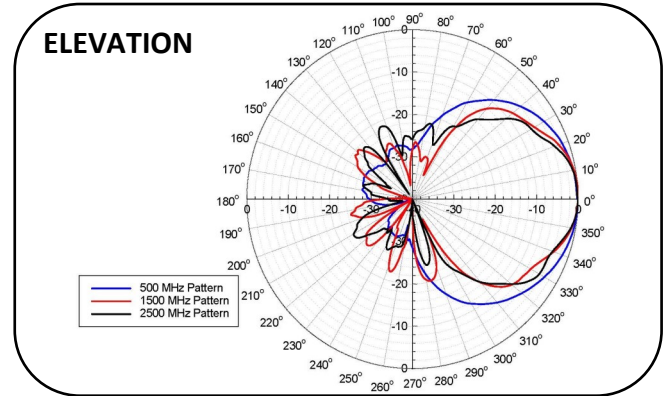
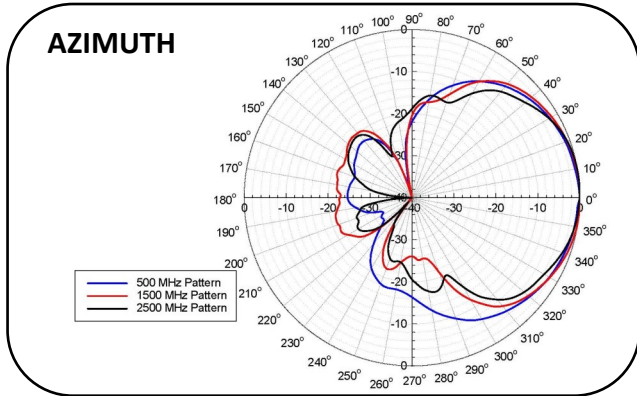
Design	Log Periodic
Boom Length	23 in (0.59 m)
Element Span	11.5 in (0.29 m)
Number of Elements	13
Max Wind Load	125 mph (201 km/h)
Weight	4 lb. (1.8 kg)
Color	Green
Operational Temps	14° to 131° F (-10° to 55° C)
Storage Temps	-4° to 160° F (-20° to 71° C)

**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

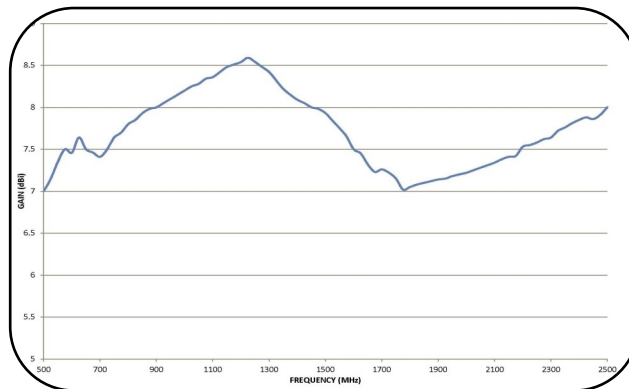
**Specifications are subject to change without prior notice.



Pattern



Gain



VSWR

