

Log Periodic Series Antennas

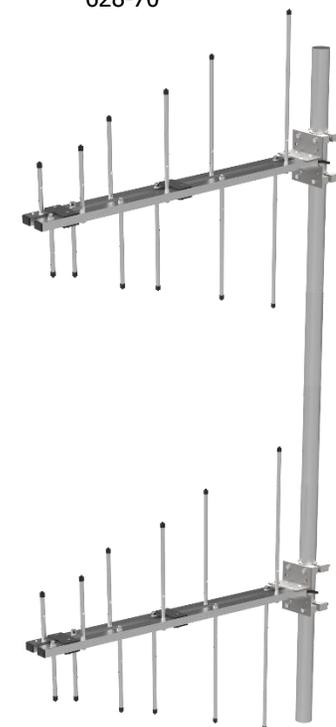
The dual band 160 / 220MHz Log Periodic Antennas are available in single or two array configurations. These antennas have good front-to-back ratio.

- Each antenna has a rugged design to withstand harsh environmental conditions.
- The mounting hardware supplied will permit either vertical or horizontal polarization.
- DC ground for lightning protection.
- Please contact our Technical Support team for consultation.

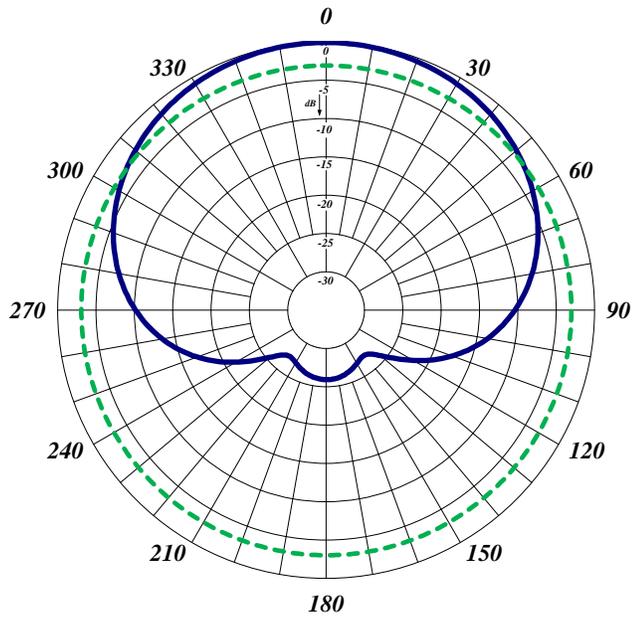
Electrical Specifications	628-70	629-70
Frequency Range, MHz	155-230	155-230
Nominal Gain, dBd	5.5	8.5
Bandwidth: 1.5:1 VSWR, MHz	75	75
Polarization	Vert. or Horiz.	Vert. or Horiz.
Horizontal Beamwidth (Vert. Pol.)	106°	106°
Vertical Beamwidth (Vert. Pol.)	60°	30°
Front to Back, dB	25	25
Pattern	Directional	Directional
Power Rating, Watts	500	500
Nominal Impedance, Ohms	50	50
Lightning Protection	DC Ground	DC Ground
Standard Termination	Type N Male	Type N Male
Mechanical Specifications	628-70	629-70
Length, in (mm)	42 (1067)	42 (1067)
Width, in (mm)	44 (1118)	44 (1118)
Weight, lbs. (kg)	8 (3.6)	16 (7.2)
Rated Wind Velocity, No Ice, mph (km/h)	158 (254)	158 (254)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	108 (173)	108 (173)
Lateral Thrust @ c, wind, lbs. (kg)	31 (14)	31 (14)
Torsional Moment @ 100 mph, ft.*lb (kg*m)	56 (7.8)	N/A
Projected Area, ft ² (m ²)	0.86 (0.08)	0.86 (0.08)
Mounting Information: (clamp included) for pipe size O.D. in (mm)	1" to 2.5" (64)	1" to 2.5" (64)



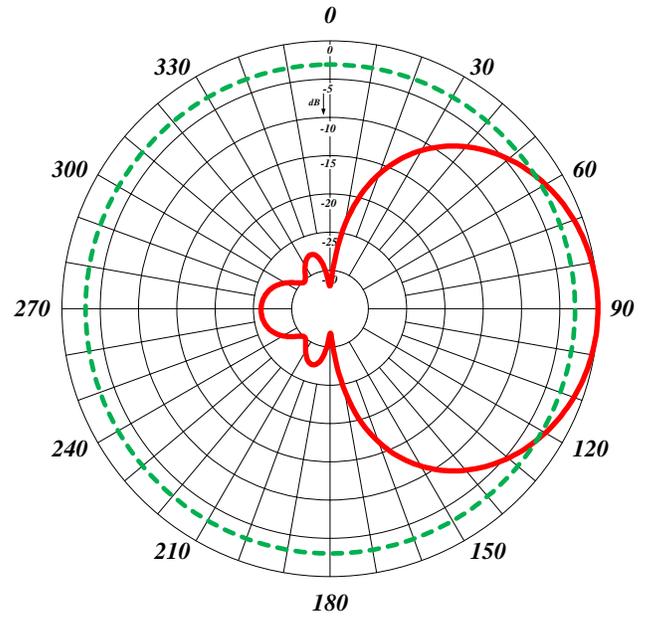
628-70



629-70

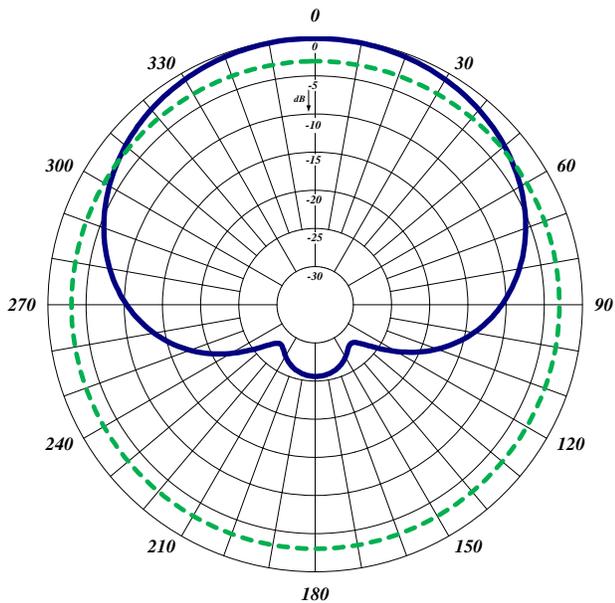


Horizontal Pattern

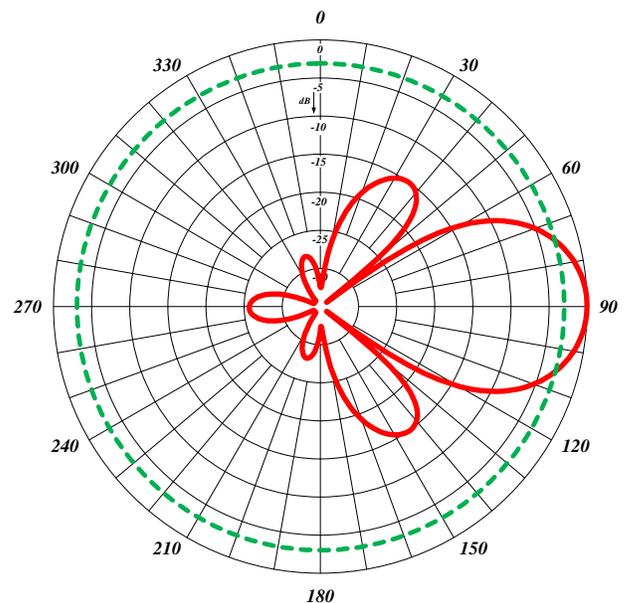


Vertical Pattern

628-70 Vertical Polarization



Horizontal Pattern



Vertical Pattern

629-70 Vertical Polarization