

LP-PAR2420 Semi-Parabolic Die-Cast type Antenna, 20 dBi Gain 2400 MHz.

LPPAR2420_SS_ENB01W

Features

- Superior performance 20 dBi gain.
- 12° Horizontal beamwidth.
- 16° Vertical Beamwidth.
- Small Size/Reduced Shipping Cost.
- 100 W Passive Feed Dipole.
- Type N-Female Connector. 80" pigtail.
- Horizontal or Vertical Polarity.
- Rugged, Lightweight and Waterproof.
- Heavy Duty Adjustable Tilt Bracket.
- 2-Piece Powder Coat Painted Die Cast Aluminum.

Applications

- 2.4 GHz ISM Band.
- IEEE 802.11b, 802.11g Wireless LAN & IEEE 802.11n (Pre-N, Draft-N) Applications.
- WiFi Systems & Long-range Directional Applications.
- Point to Point Systems & Point to Multi-point Systems.
- Wireless Bridges, Backhaul Applications & Wireless Video Systems.



Antenna mounted in horizontal polarization mode.

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The LP-PAR2420 is a directional antenna system with 20 dBi gain and 12° of horizontal beam-width for directional applications.

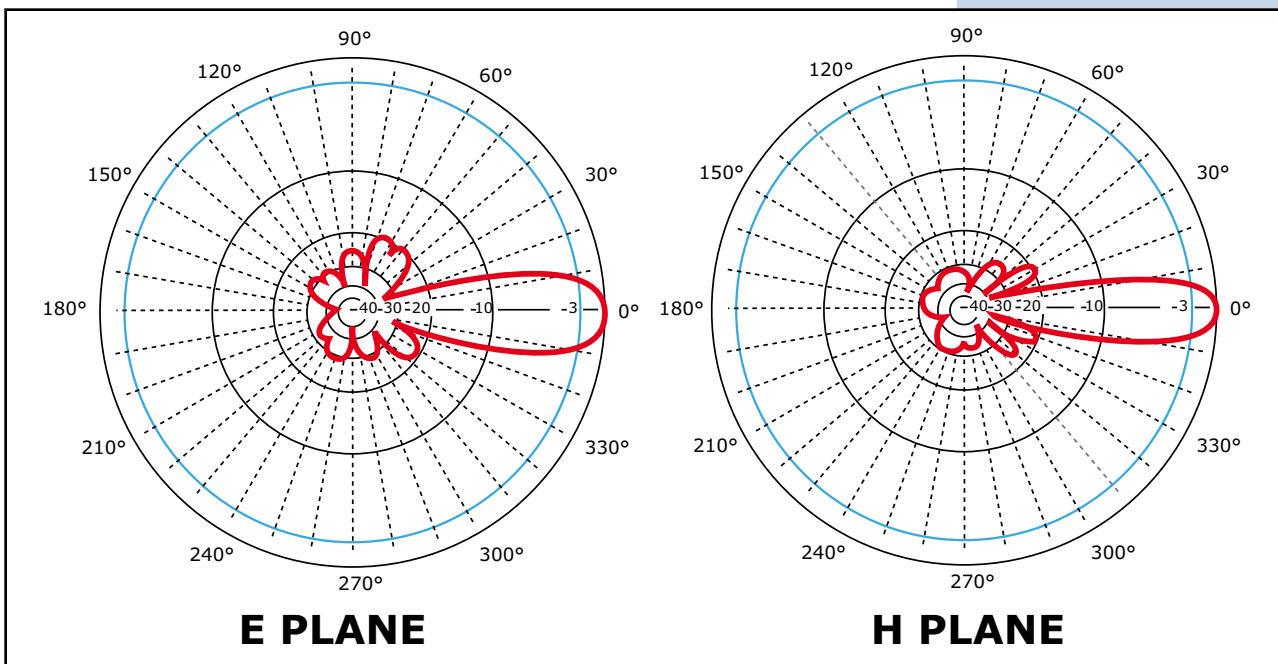
It is rugged and weatherproof and almost invisible to the bare eye. It incorporates a two piece aluminum die cast parabolic grid type antenna reflector, very lightweight and strong with the PMPF, a patented 50-ohm passive feed dipole and can be installed for horizontal or vertical polarization applications.

Installation is simple with the LanPro adjustable "Heavy Duty" bracket that comes standard and lets the installer to adjust tilt and swivel angles of up to 60 degrees. The bracket accommodates poles from 1.25" up to 2" OD. Brackets are 100% aluminum for extreme corrosion protection and each reflector comes complete with stainless steel hardware and assembly instructions. Comes with a 2 m (80") pigtail with terminated in a N-female connector.

A Specifications

Frequency Range	2400-2500 MHz	
Bandwidth	100 MHz	
Gain	20 dBi	
Horizontal Beamwidth	12°	
Vertical Beamwidth	16°	
F/B Ratio	>25dB	
V.S.W.R.	<1.5:1 avg.	
Nominal Impedance	50 Ohm	
Polarization	Vertical or Horizontal	
Max. Power	100 Watt	
Lightning protection	DC Short	
Connector	N Female	
Dimensions	15.7"(400mm) x 23.6" (600mm)	
Weight	5.3 Kg	
Mounting Mast Diameter (Max)	1.25 in. thru 2 in (31.8-50.8mm)	
Wind Loading Data	Speed (MPH)	Loading
	100	20.0 lib.
	120	31 lib.
Elevation Angle	0 to +15°	
Operating Temperature	-40° C to 85° C , (-40° F to 185° F)	

LP-PAR2420 RF Antenna Patterns



B How to Order

LP-PAR2420 semi-Parabolic type Antenna, 20 dBi Gain 2.4 GHz