

## LP-PAR2433 2.4 GHz 33 dBi Parabolic Welded Reflector Grid Type Antenna.

LPPAR2433\_SS\_ENB01W

### Features

- Small Size/Reduced Shipping Cost.
- 100 W Passive Feed Dipole.
- Aperture 4.8°.
- Type N-Female Connector 18" pigtail.
- 33 dBi Antenna Gain.
- Horizontal or Vertical Polarity.
- Rugged and Waterproof.
- Heavy Duty Adjustable Tilt Bracket.
- 2 Piece Powder Coat Painted Galvanized Steel.
- Ideal for long range PTP systems.
- 2400 -2483 MHz ISM Band.
- IEEE 802.11b/g Wireless LAN.
- WiFi Systems & Long-range Directional.
- Wireless Bridges, Backhaul & Wireless Video Systems.



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The LP-PAR2433 is a directional antenna system with 33 dBi gain and 4.8° of beam-width for highly directional and long distance applications.

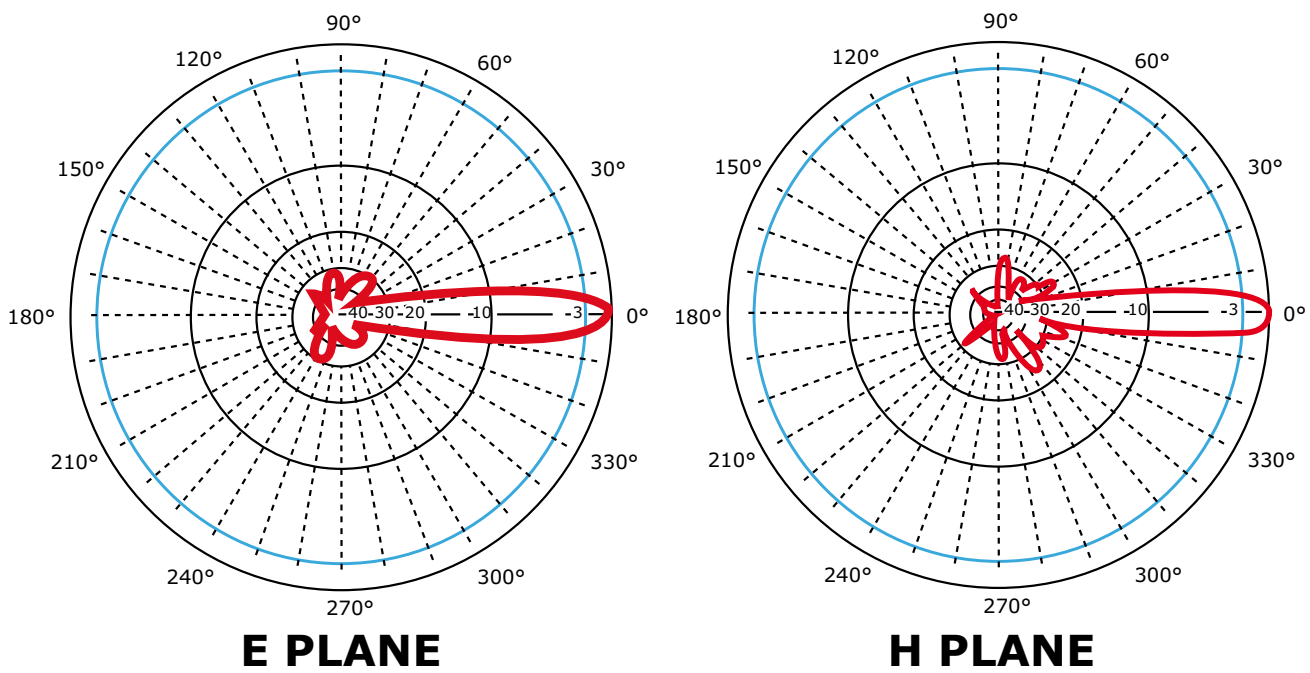
It is rugged and weatherproof and almost invisible to the bare eye. It incorporates a single piece UV powder coated steel parabolic grid type antenna reflector for strength and low wind-loading, comes with the PMPF, a patented 50 Ohm passive feed dipole and can be installed for horizontal or vertical polarization applications.

External interference is lowered due to its excellent F/B ratio. 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 50 up to 75mm OD. Brackets are 100% stainless steel for extreme corrosion protection and each reflector comes complete with stainless steel hardware and assembly instructions. Comes with a 0.45m (18") pigtail terminated in a N-female connector.

**A Specifications**

<b>Model</b>	<b>LP-PAR2433</b>
<b>Frequency Range</b>	2400-2483 MHz
<b>Bandwidth</b>	100 MHz
<b>Gain</b>	33 dBi
<b>Horizontal Beamwidth</b>	4.8°
<b>Vertical Beamwidth</b>	4.8°
<b>F/B Ratio</b>	>37dB
<b>V.S.W.R.</b>	<1.4:1 avg.
<b>Nominal Impedance</b>	50 Ohm
<b>Polarization</b>	Vertical or Horizontal
<b>Max. Power</b>	100 Watt
<b>Lightning protection</b>	DC Short
<b>Connector</b>	N Female
<b>Dimensions (Diameter)</b>	2.4m
<b>Grid Material</b>	Galvanized Steel UV Powder Painted
<b>Weight</b>	31 Kg
<b>Mounting Mast Diameter (Max)</b>	50-75mm
<b>Wind Survival</b>	210Kph
<b>Azimuth</b>	+90°
<b>Elevation Angle</b>	+12°
<b>Operating Temperature</b>	-40° C to 85° C , (-40° F to 185° F)

**LP-PAR2433 Antenna Patterns**



**B How to Order**

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