

LP-PAR2430 30 dBi 2400 MHz Parabolic Welded Steel Reflector Grid Type Antenna.

LPPAR2430_SS_ENB01W

Features

- Small Size/Reduced Shipping Cost.
- 100 W Passive Feed Dipole.
- Type N-Female Connector 18" pigtail.
- 30 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 and PtmP applications.
- 2400 -2500 MHz ISM Band.
- IEEE 802.11b, 802.11g Wireless LAN & IEEE 802.11n (Pre-N, Draft-N).
- WiFi Systems & Long-range Directional.
- Point to Point Systems & Point to Multi-point Systems.
- Wireless Bridges, Backhaul & Wireless Video Systems.



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The LP-PAR2430 is a directional antenna system with 30 dBi gain and 5.3° of beam-width for highly directional and long distance applications.

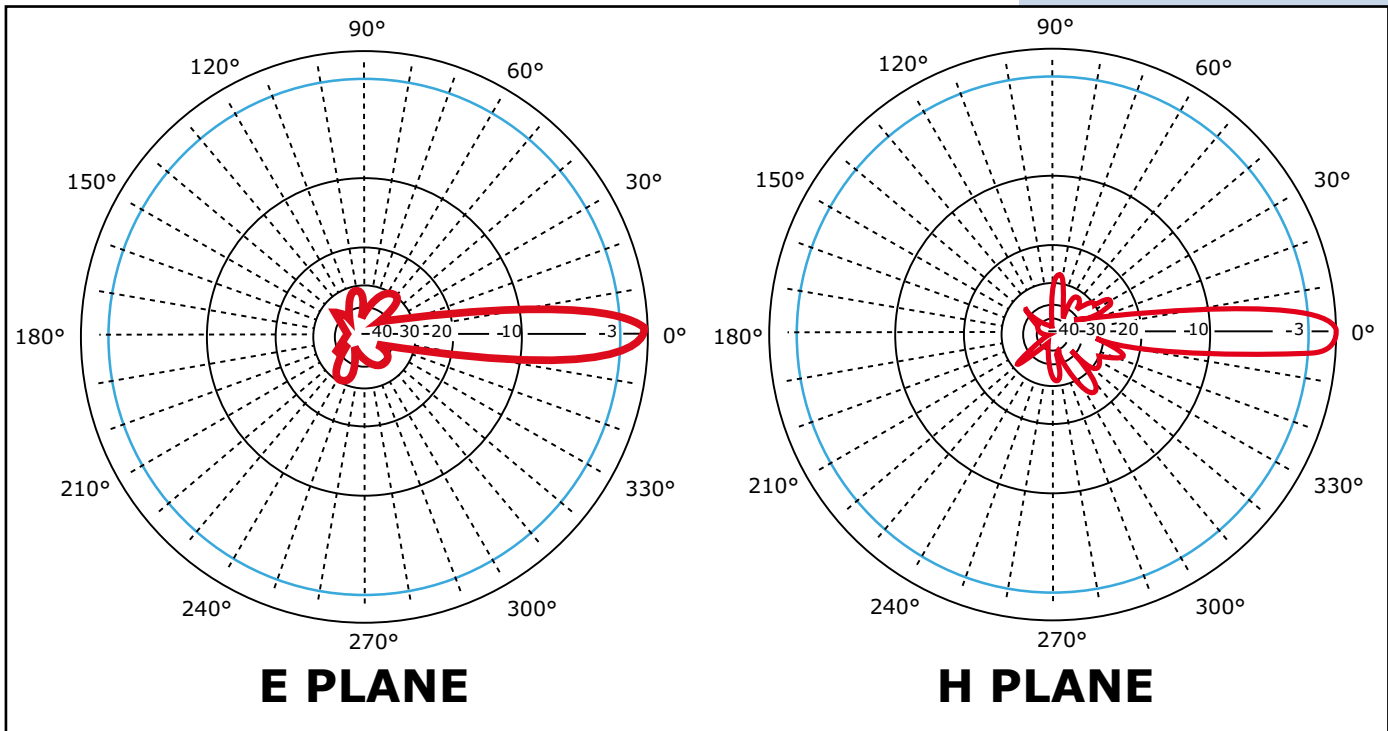
It is rugged and weatherproof and almost invisible to the bare eye. It incorporates a single piece UV powder coated steel parabolic grid type antenna reflector for strength and low wind-loading, comes with the PMPF, a patented 50 Ohm passive feed dipole and can be installed for horizontal or vertical 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 1.50" up to 3" 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

Model	LP-PAR2430
Frequency Range	2400-2500 MHz
Bandwidth	100 MHz
Gain	30 dBi
Horizontal Beamwidth	5.3°
Vertical Beamwidth	5.3°
F/B Ratio	>30dB
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 (Diameter)	59"(1.5m)
Grid Material	Galvanized Steel UV Powder Painted
Weight	35 lbs (16 Kg)
Mounting Mast Diameter (Max)	1.5" thru 3" (38-76mm)
Wind Survival	134 Mph
Elevation Angle	0 to +15°
Operating Temperature	-40° C to 85° C , (-40° F to 185° F)

RF Antenna Patterns



B How to Order

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