

**LP-SEC241290 2.4 GHz to 2.5 GHz 12 dBi 90° Sector type Antenna.**

LPSEC241290\_SS\_ENB01W

**Characteristics**

- 2400 to 2500 MHz Band applications.
- 12 dBi Gain.
- Aperture 90°.
- High stability of physical parameters.
- Strong construction made of aluminum and ABS.
- All weather use.
- Long lasting life.
- 360 degrees horizontal and 20 degrees vertical downtilt adjustment.
- Stainless Steel pole mounting hardware.
- Grounding for lightning protection.
- Female N type Connector.
- IEEE 802.11 b/g, bluetooth.
- Ideal for Wisp and Hotspot.

**LP-SEC241290  
2.4 GHz to 2.5 GHz 12 dBi 90°  
Sector type Antenna.**

The LP-SEC241290 Sector Antenna System features an integrated 50 Ohm passive feed that comes standard with a type N female connector.

These antennas are widely used in WISP (Wireless Internet Service Providers) in order to setup tower cells (similar to cellphone cells) and distribute the signal to a broad area or campus. You can use as many as you need in order to provide the necessary coverage to a sector.

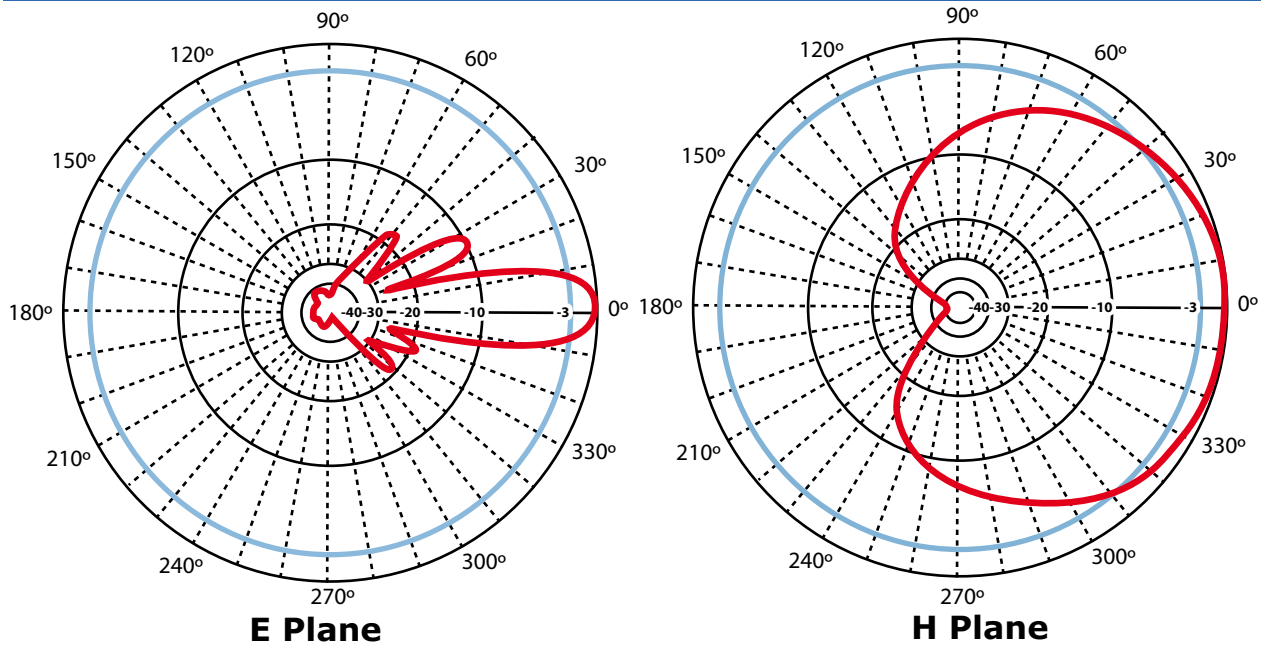
Able to handle up to 200W of input power, scalable downtilt mechanism for better coverage. They are robust and dependable.



**A Technical Specifications.**

Frequency range	2400 to 2500 MHz	
Gain	12 dBi	
Horizontal Beamwidth	90 ± 5°	
Vertical Beamwidth	12.5° to 15°	
F/B Ratio	>23 dB	
Intermodulation IM3	<107 dBm	
WSWR	<1.5:1 avg.	
Polarization	Vertical	
Impedance	50 Ohm	
Lightning protection	DC Ground	
Max Power	200W	
Connector	N Female	
Dimensions (L*W*H)	500x180x90 mm(20 x 7 x 3.5 inch)	
Weight	2 Kg (4.4 lbs)	
Radome Material	UV-inhibited Plastic	
Rated Wind Velocity	>130 MPH (210 Km/h)	
Loading	Wind Speed (MPH)	Loading
	100 mph	32lib
	125 mph	49lib
Mounting Mast Diameter	2 inch (50 mm) dia. mast max.	
Working Temperature	-40° C to 85° C (-40° F to 185° F)	
RoHS Compliant	Yes	

**LP-SEC241290 Antenna Patterns**



**B How to Order**

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