

LP-SEC2416120 2.3 GHz to 2.5 GHz 16 dBi 120° Sector type Antenna.

LPSEC2416120_SS_ENB01W

Characteristics

- 2300 to 2500 MHz Band applications.
- 16 dBi Gain.
- High stability of physical parameters.
- Aperture 120°.
- Strong construction made of aluminum and ABS.
- All weather use.
- Long lasting life.
- 360 degrees horizontal and 30 degrees vertical downtilt adjustment.
- Zinc alloy pole mounting hardware.
- Grounding for lightning protection.
- Female N type Connector.
- IEEE 802.11 b/g, bluetooth.
- Ideal for Wisp and Hotspot.

**LP-SEC2416120
2.3 GHz to 2.5 GHz 16 dBi 120°
Sector type Antenna.**

The LP-SEC2416120 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.

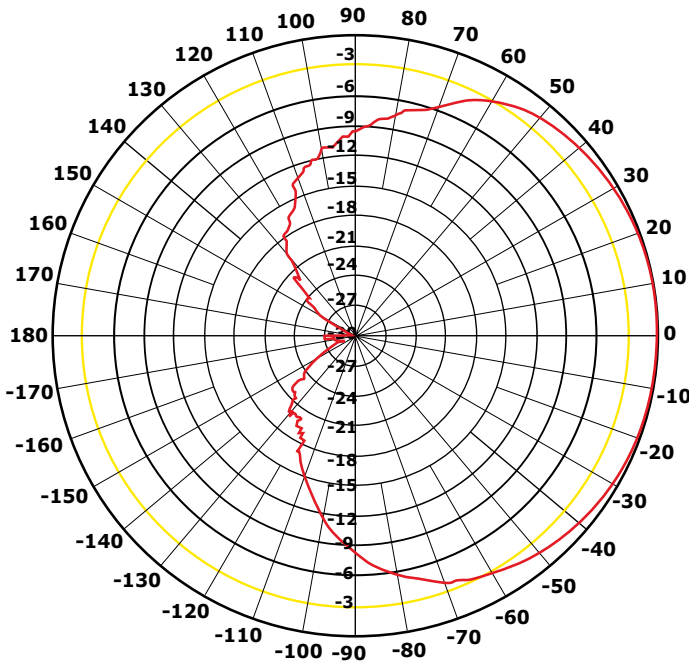
Able to handle up to 200W of input power, scalable downtilt mechanism for better coverage. They are robust and dependable.



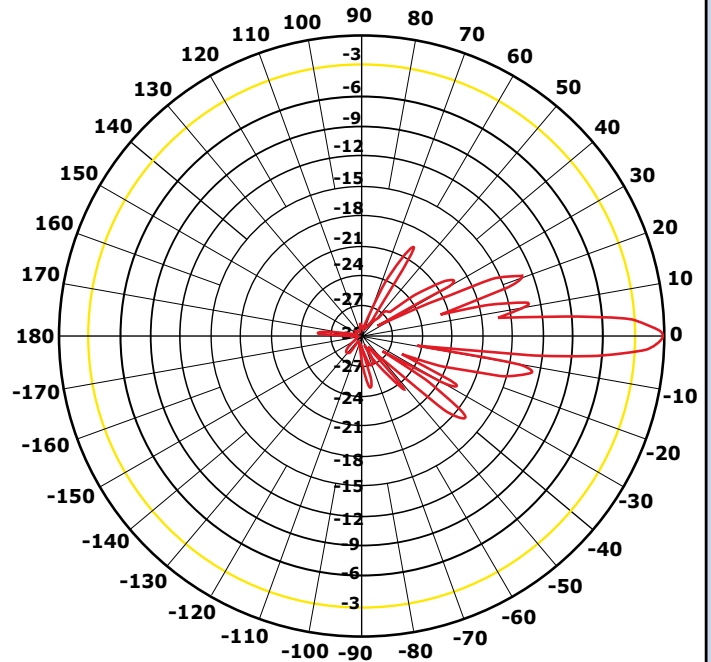
A Technical Specifications

Frequency range	2300 to 2500 MHz
Gain	16 dBi
Horizontal Beamwidth	120 ± 5°
Vertical Beamwidth	9± 0.5°
F/B Ratio	>21dB
Intermodulation IM3	<107 dBm
WSWR	<1.5
Polarization	Vertical
Impedance	50 Ohm
Lightning protection	DC Ground
Max Power	200W
Connector	N Female
Dimensions (L*W*H)	840x180x60 mm
Weight	5 Kg
Rated Wind Velocity	60m/s
Mounting Mast Diameter	50-110mm
Working Temperature	-40°C to +60°C

LP-SEC2416120 Antenna Patterns



H Plane



E Plane

B How to Order

LP-SEC2416120 2.3 GHz to 2.5 GHz 16 dBi 120° Sector Antenna.