

LT-ANTP-870-960-120H15

Single-Band Panel Antenna | 870-960 MHz | 15 dBi

The Lamatel LT-ANTP-870-960-120H15 is a high-performance single-band panel antenna designed for base station and multipoint applications within the 870–960 MHz frequency range.

Offering a 15 dBi high gain and a 120° wide horizontal beamwidth, it delivers reliable coverage, consistent signal strength, and low VSWR, making it ideal for cellular communication, wireless data systems, and industrial network infrastructures.

Encased in a durable UPVC radome, this antenna provides excellent weather protection, ensuring stable operation even under harsh environmental conditions. With mechanical tilt adjustment (0–8°) and a robust mounting structure, the LT-ANTP-870-960-120H15 guarantees optimal performance and long service life.

Key Features

- Frequency Range: 870–960 MHz
- Gain: 15 dBi directional performance
- Beamwidth: 120° (horizontal) for wide-area coverage
- VSWR: Low reflection loss for efficient signal transfer
- Polarization: Vertical
- Power Handling: Up to 500 W
- Connector Type: N-Female
- Mechanical Tilt: Adjustable 0–8°
- Durability: UPVC radome for all-weather protection
- Wind Resistance: Rated up to 60 m/s
- Mount Compatibility: LT-C/ANT-900R clamp (sold separately)

Applications

- Cellular and LTE Base Stations
- Wireless Data and Communication Networks
- Industrial and Utility Networks
- Public Safety and Private Radio Systems
- Long-Range Point-to-Multipoint Systems



Specifications

Parameter	Specification
Model	LT-ANTP-870-960-120H15
Frequency Range	870–960 MHz
Antenna Gain	15 dBi
Beamwidth (Horizontal)	120°
Beamwidth (Vertical)	8°
Polarization	Vertical
Impedance	50 Ω
VSWR	≤ 1.5
Power Rating	500 W
Connector	N-Female
Mechanical Tilt	0–8°
Dimensions (H × W × D)	2530 × 270 × 137 mm
Weight (Antenna w/ Clamps)	Approx. 15 kg
Radome Material	UPVC
Color	Gray
Operating Temperature	-40°C to +60°C
Wind Velocity Rating	60 m/s
Mounting Pole Diameter	50–85 mm

