

# LT-ANT146-160-5

## Fibergalss Omni Base Antenna | 146-160 MHz | 5 dBi

The LT-ANT146-160-5 stands out as a benchmark of innovative engineering combined with user-friendly design. Its key attributes, ranging from its base antenna configuration to its robust gain, establish it as a first-choice solution for robust two-way radio systems in a wide array of professional environments. The LT-ANT146-160-5 stands out as a benchmark of innovative engineering combined with user-friendly design. Its key attributes, ranging from its base antenna configuration to its robust gain, establish it as a first-choice solution for robust two-way radio systems in a wide array of professional environments.

### Key Features :

- Superior Performance
- Sealed with Fiberglass
- All Weather Operation
- N Female Connector
- Tube Packing
- Compatible Clamp: LT-C/ANT-BU (sold separately)
- PIP: 600W

### Applications:

- Emergency Communication Networks
- Public Safety Systems
- Military Communications
- 146-160 MHz VHF System
- Electronics Navigation Systems
- Remote Sensing &Telemetry

### Key Highlights :

- Wide 146–160 MHz VHF coverage
- High 5 dBi omnidirectional gain
- Durable, UV-resistant blue fiberglass build
- Low VSWR for efficient signal performance
- Withstands high wind (60 m/s) and ice load (33.59 KgF)
- Lightweight and easy to install with N Female connector
- Corrosion-resistant for long-term outdoor use
- Pre-tuned and ready for deployment



### Specification:

LT-ANT146-160-5	
Frequency Range	146-160 MHz
Antenna Gain	5±1 dBi
Power Rating	500 W
Impedance	50Ω
VSWR	≤ 1.5
Pattern	Omnidirectional
Vertical Beamwidth	35°
Termination	N Female
Dimensions (mm)	Φ 70* (3580 ± 20)
Packing Dimensions (mm)	Φ 94* (4030 ± 20)
Weight with Bracket (Kg)	5.3 ± 0.2
Fiberglass Color	Blue
Wind Rating (0.5"ice)	33.59KgF
Maximum Exposed Area	2.69 ft²
Wind Velocity	60m/s

