

# LT-ANT142-150-6.5

## Fibergalss Omni Base Antenna | 142-150 MHz | 6.5 dBi

The LT-ANT142-150-6.5 emerges as an embodiment of advanced antenna craftsmanship, honed for the 142-150MHz VHF range. Boasting a 6.5dBi gain, it promises optimal signal propagation and reception. Crafted for professionals, its fusion of specialized frequency targeting and impactful gain positions it as an indispensable asset for robust two-way radio communication setups.

### Key Features :

- Superior Performance
- Sealed with Fiberglass
- All Weather Operation
- N Female Connector
- Tube Packing
- Compatible Clamp: LT-C/ANT-BU (sold separately)
- PIP: 100W

### Applications:

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

### Key Highlights :

- Wide VHF coverage (142–150 MHz) for versatile communication needs
- 360° omnidirectional signal for full-area coverage
- Rugged fiberglass build with weather and UV resistance
- Lightweight and compact for easy installation
- Blue finish for durability and visibility
- Low VSWR ( $\leq 1.5$ ) and 50 $\Omega$  impedance for efficient performance
- Minimal maintenance required in field environments



### Specification:

LT-ANT142-150-6.5	
Frequency Range	142-150 MHz
Antenna Gain	6.5 dBi
Power Rating	100 W
Impedance	50 $\Omega$
VSWR	$\leq 1.5$
Pattern	Omnidirectional
Vertical Beamwidth	25°
Termination	N Female
Dimensions (Length x Base Diameter)	127.95” x 1.77”
Installed Antenna Wt (Antenna + Clamps)	3.32 Kg
Fiberglass Color	Blue
Wind rating (0.5” ice)	23.7 KgF
Maximum Exposed Area	1.17 ft <sup>2</sup>
Lateral Thrust at 100 mph	5.3 KgF

