

# LT-ANT156-164-6.5

## Fiberglass Omni Base Antenna | 156-164 MHz | 6.5 dBi

The LT-ANT156-164-6.5 epitomizes excellence in antenna design, meticulously calibrated for the 156-164MHz VHF domain. Furnishing a gain of 6.5dBi, it champions superior signal coverage and clarity. Conceived with professionals in mind, its synthesis of frequency precision and potent gain marks it as an invaluable tool for advanced two-way radio systems.

### 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
- Electronics Navigation Systems
- Remote Sensing & Telemetry
- 155-163 MHz VHF System

### Key Highlights :

- High 6.5 dBi gain for extended VHF coverage (150–158 MHz)
- True omnidirectional signal for consistent 360° communication
- Durable, weather-resistant fiberglass build for outdoor reliability
- Low VSWR for efficient power transmission



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Frequency Range	155-163 MHz
Antenna Gain	6.5 dBi
Power Rating	100 W
Impedance	50 Ω
VSWR	≤ 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 ft²
Lateral Thrust at 100 mph	5.3 KgF

