

LT-ANT158-172-5

Fiberglass Omni Base Antenna | 158-172 MHz | 5 dBi

Product Overview :

The LT-ANT158-172-5 stands as a hallmark of antenna innovation, finely adjusted for the 158-172 MHz VHF segment. Offering a 6.5dBi gain, this antenna guarantees expansive signal spread and immaculate clarity. Designed to meet the requirements of professionals, its integration of frequency specificity and compelling gain designates it as a go-to solution for premium two-way radio 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: 500W

Key Highlights :

- High 6.5 dBi gain for extended VHF coverage (158–172 MHz)
- True omnidirectional signal for consistent 360° communication
- Durable, weather-resistant fiberglass build for outdoor reliability
- Low VSWR for efficient power transmission

Applications:

- Emergency Communication Networks
- Public Safety Systems
- Military Communications
- Electronics Navigation Systems
- Remote Sensing & Telemetry
- 158-172 MHz VHF System



Specification :

LT-ANT158-172-5	
Frequency Range	158-172 MHz
Antenna Gain	5 ± 1 dBi
Power Rating	500 W
Impedance	50 Ω
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 ft ²
Wind Velocity	60m/s

