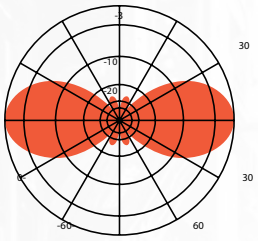
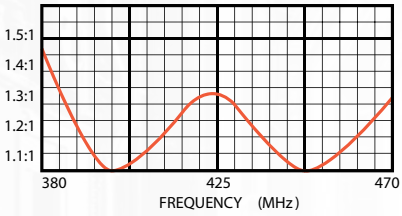
LT-ANT150-158-6.5

Fibergalss Omni Base Antenna | 150-158 MHz | 6.5 dBi

The LT-ANT150-158-6.5 stands as a paragon of modern antenna engineering, fine-tuned for the 150-158MHz VHF spectrum. With its 6.5dBi gain, it ensures exceptional signal clarity and reach. Crafted keeping professionals in mind, its unparalleled blend of frequency optimization and gain strength makes it a premier choice for sophisticated two-way radio communications.



Vertical Pattern



Horizontal Pattern

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 &Telemetering

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

LT-ANT150-158-6.5	
Frequency Range	150-158 MHz
Antenna Gain	6.5 dBi
Power Rating	100 W
Impedance	50Ω
VSWR	≤ 1.5
Pattern	Omnidiretional
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

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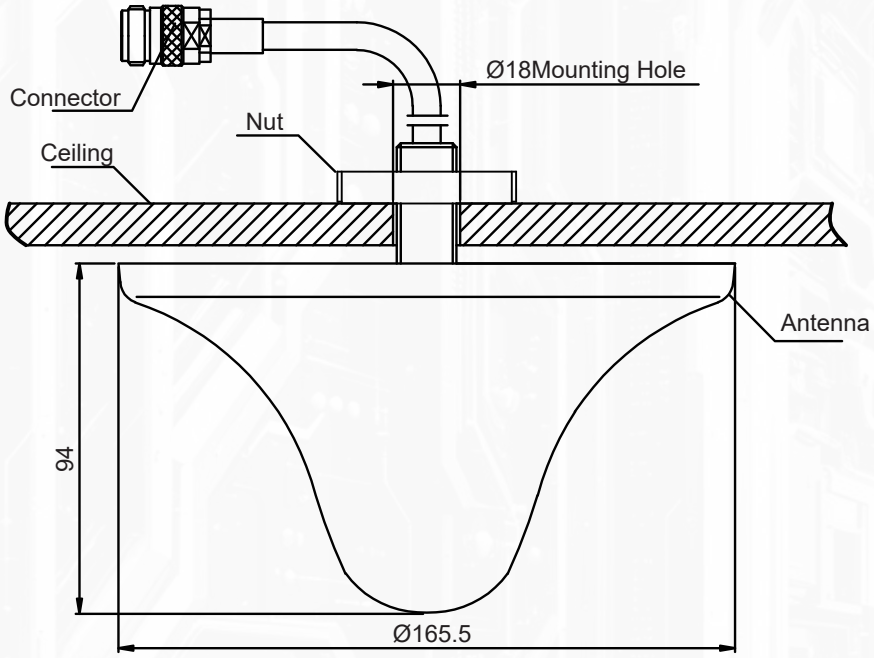

Instructions :

1. Prepare the ceiling by drilling an 18mm diameter hole in the ceiling panel.

2. Remove the nut plate then feed the coax lead through the hole in the ceiling panel then through the mounting nut as shown above. Secure the antenna by tightening the nut plate.

3. Ensure the coax led connector is properly connected to the feeder connector going to the device for excellent contact. Apply weather proofing materials if necessary to preserve the connection integrity.