

# LT-ANT450-470-9

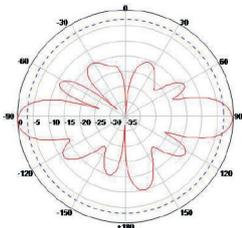
Fiberglass Omni Base Antenna | 450-470 MHz | 9 dBi

The LT-ANT450-470-9 epitomizes excellence in antenna engineering, honed for the 450-470MHz UHF domain. With its formidable 9dBi gain, it assures extensive signal coverage and unparalleled clarity. Sculpted with the demands of professionals in mind, the combination of precise frequency adaptation and potent gain establishes it as an essential component for elite base station communication systems.

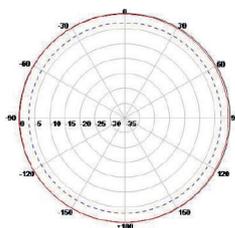
## Features

- Superior Performance
- Fiberglass Radome
- All Weather Operation
- Compatible Clamp: LT-C/ANT-SM & LT-C/ANT-BU (sold separately)
- PIP: 600W

## Typical Patterns



Vertical Pattern



Horizontal Pattern



## Applications

- 450-470 MHz UHF System
- TETRA System
- Multipoint Application

## Specifications

LT-ANT450-470-9	
Frequency Range	450-470 MHz
Antenna Gain	9 dBi
Power Rating	500 W
Impedance	50 $\Omega$
VSWR	$\leq 1.65$
Pattern	Omnidirectional
Vertical Beamwidth	13°

LT-ANT450-470-9	
Termination	N Female
Dimensions (Length x Base Diameter)	126.18" x 2.76"
Intalled Antenna Wt (Antenna + Clamps)	8.5 Kg
Fiberglass Color	Blue
Wind rating (0.5" ice)	37.4 KgF
Maximum Exposed Area	2.02 ft <sup>2</sup>
Lateral Thrust at 100 mph	8.4 KgF
PIP	600W

