

# LT-ANT450-470DM-9

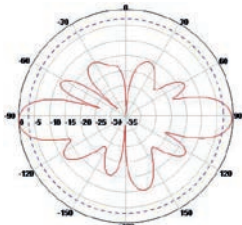
Fiberglass Omni Base Antenna | 450-470 MHz | 9 dBi

The LT-ANT450-470DM-9 represents the pinnacle of antenna craftsmanship, refined for the 450-470MHz UHF domain. With a commanding 9dBi gain, it ensures broadened signal reach and exceptional clarity. Integrated with a DIN connector, it ensures seamless and dependable connectivity. Primed for base station use, its adeptness at delivering crystal-clear transmissions ranks it as a preferred selection for advanced radio communication setups.

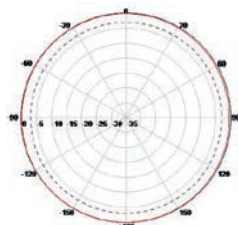
## Features

- Superior Performance
- Fiberglass Radome
- All Weather Operation
- Passive InterModulation
- Compatible Clamp: LT-C/ANT-SM & LT-C/ANT-BU (sold separately)
- PIM  $\leq$  150dBc

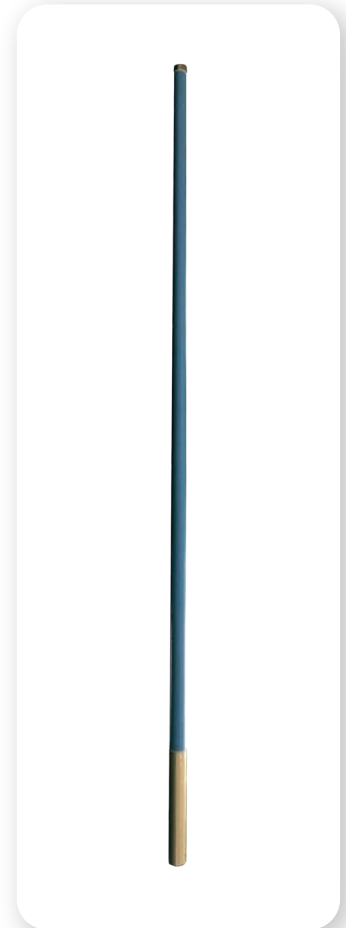
## Typical Patterns



Vertical Pattern



Horizontal Pattern



## Applications

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

## Specifications

LT-ANT450-470DM-9	
Frequency Range	450-470 MHz
Antenna Gain	9 dBi
Power Rating	500 W
Impedance	50 $\Omega$
VSWR	$\leq$ 1.5
Pattern	Omnidirectional
Vertical Beamwidth	13°

LT-ANT450-470DM-9	
Termination	7/16 DIN-K
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
PIM	150dBc (@2*43dBm)

