

LT-ANT425-450DM-9

Fiberglass Omni Base Antenna | 425-450 MHz | 9 dBi

Product Overview :

The LT-ANT425-450DM-9 stands at the forefront of antenna innovation, meticulously adjusted for the 425-450MHz frequency range. Rendering a strong 9dBi gain, it promises vast signal coverage and exceptional transparency. Created especially for base station environments, its capability to deliver flawless transmissions establishes it as a top choice for sophisticated communication setups.

Key Features :

- 425–450 MHz UHF frequency range
- High 9 dBi gain for long-range coverage
- Omni-directional pattern for 360° signal distribution
- Durable fiberglass radome for rugged outdoor performance

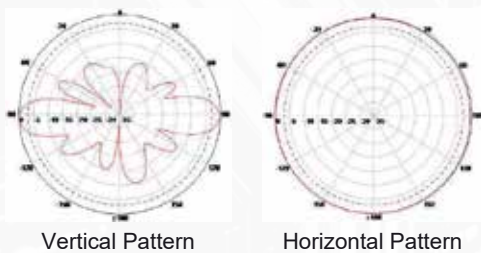
Key Highlights :

- Low VSWR for improved signal efficiency and reduced loss
- High wind resistance for stable performance in extreme weather
- Lightweight construction for easier handling and mounting
- DC grounded design for lightning protection and enhanced safety

Applications:

- Public safety and emergency communications
- Utility, energy, and SCADA systems
- Transportation and fleet operations

Typical Patterns



Specification :

LT-ANT425-450DM-9	
Frequency Range	425-450 MHz
Antenna Gain	9 dBi
Power Rating	500 W
Impedance	50 Ω
VSWR	≤ 1.5
Pattern	Omnidirectional
Vertical Beamwidth	13°
Termination	7/16D N-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 ft2
Lateral Thrust at 100 mph	8.4 KgF
PIM	150dBc (@2*43dBm)

