

LT-ANT400-425DM-9

Fiberglass Omni Base Antenna | 400-425 MHz | 9 dBi

Product Overview :

The LT-ANT400-425DM-9 stands as a hallmark of antenna innovation, finely adjusted for the 400-425 MHz segment. Offering a 9 dBi 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-SM & LT-C/ANT-BU (sold separately)

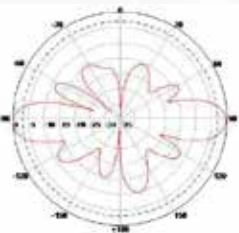
Applications:

- Emergency Communication Networks
- Public Safety Systems
- Military Communications
- Electronics Navigation Systems
- Remote Sensing & Telemetry

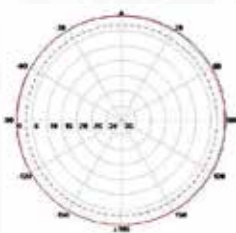
Key Highlights :

- High 9 dBi gain for extended VHF coverage (400-425 MHz)
- True omnidirectional signal for consistent 360° communication
- Durable, weather-resistant fiberglass build for outdoor reliability
- Low VSWR for efficient power transmission

Typical Patterns



Vertical Pattern



Horizontal Pattern



Specification :

LT-ANT400-425-9	
Frequency Range	400-425 MHz
Antenna Gain	9 dBi
Power Rating	500 W
Impedance	50 Ω
VSWR	≤ 1.65
Pattern	Omnidirectional
Vertical Beamwidth	13°
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 ²
Lateral Thrust at 100 mph	8.4 KgF

