

LT-ANT300-320DM-9

Fibergalss Omni Base Antenna | 300-320 MHz | 9 dBi

Product Overview :

The LT-ANT300-320-DM9 stands as a hallmark of antenna innovation, finely adjusted for the 300-320 MHz segment. Offering a 9dBi 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)

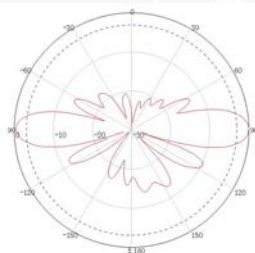
Key Highlights :

- High 9 dBi gain for extended VHF coverage (300-320 MHz)
- True omnidirectional signal for consistent 360° communication
- Durable, weather-resistant fiberglass build for outdoor reliability
- Low VSWR for efficient power transmission

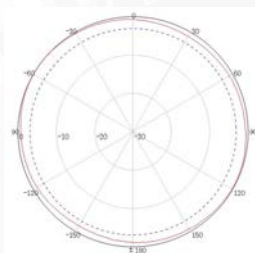
Applications:

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

Typical Patterns



E Plane Pattern



H Plane Pattern



Specification :

LT-ANT300-320DM-9	
Frequency Range	300-320 MHz
Antenna Gain	9 dBi
Power Rating	500 W
Impedance	50 Ω
VSWR	≤ 1.5
Pattern	Omnidirectional
Vertical Beamwidth	16°
Termination	7/16 DIN-F
Dimensions (Length x Base Diameter)	Φ7 0* (4 000±2 0)
Intalled Antenna Wt (Antenna + Clamps)	6.5 + 0.3 Kg
Fiberglass Color	Blue
Wind rating (m/s)	60
Maximum Exposed Area	2.02 ft²
Lateral Thrust at 100 mph	8.4 KgF
PIM	≤150dBc (@2*43dBm)

