

# LT-ANT 764-869DF-4

## Fiberglass Omni Base Antenna 764-869 MHZ 4dBi

### Descriptions :

The Lamatel LT-ANT 764-869DF-4 is a high-performance fiberglass omnidirectional base antenna designed for reliable communication within the 764-869 MHz frequency range. Its robust construction and technical specifications make it suitable for various applications requiring consistent and wide-ranging signal coverage.

The antenna's collinear design, enclosed in high-density white fiberglass, ensures durability and optimal performance. Its omnidirectional pattern provides consistent 360-degree coverage, making it ideal for base station installations where uniform signal distribution is crucial. The inclusion of a DIN connector facilitates secure and efficient connectivity with various communication equipment.

This antenna is part of Lamatel's range of base station antennas, known for their reliability and versatility in meeting the needs of diverse industries and applications.



### Key Features :

- Frequency Range: 764-869 MHz
- Gain: 4 dBi
- Impedance: 50 Ohms
- Connector Type: DIN
- Construction: Durable fiberglass radome with a protective ultraviolet-inhibiting coating

### Applications :

- Public Safety Communications (TETRA, LTE Band 28)
- Land Mobile Radio (LMR)
- Base Station Antenna Systems
- Remote Monitoring and IoT Gateways
- Oil & Gas / Utility Infrastructure

### Specification :

LT-ANT764-869DF-4	
Frequency Range	764-869 MHz
Antenna Gain	4 dB
Power Rating	500 W
Impedance	50 Ω
VSWR	≥1.5 / 14 dB
Pattern	Omnidirectional
Vertical Beamwidth	Vertical 16°
Channel Spacing	105 MHz
Termination	7/16 DIN-F
Dimensions (Length x Base Diameter)	2.3m x 7.6m
Installed Antenna Wt (Antenna + Clamps)	8.6Kg
Fiberglass Color	Blue
Mounting Mast Length	6.5m
Maximum Exposed Area	1.53 ft²
Lateral Thrust lbf(N)	57(254)
Grounding	DC Ground
Grounding	DC Ground

