

LT-ANT 764-869DF-4

Fiberglass Omni Base Antenna 764-869 MHZ 4dBi

Product Overview :

The Lamatel LT-ANT 764-869DF-4 is a high-performance fiberglass omnidirectional base antenna designed for reliable operation in the 764–869 MHz frequency band. With a durable construction, 4 dBi gain, and high power handling capability, this antenna is ideal for critical communication systems requiring stable and uniform coverage.

Key Features :

- Broad Frequency Range: Covers the 764–869 MHz band for versatile applications.
- Robust Design: Built with fiberglass for high durability in outdoor environments.
- High Power Handling: Rated up to 500 W for demanding transmission needs.
- Reliable Coverage: Omnidirectional pattern with optimized vertical beamwidth for consistent signal performance.
- Secure Mounting: Compatible with standard 6.5-meter mast installations.

Key Features :

- Broad Frequency Range: Covers the 764–869 MHz band for versatile applications.
- Robust Design: Built with fiberglass for high durability in outdoor environments.
- High Power Handling: Rated up to 500 W for demanding transmission needs.
- Reliable Coverage: Omnidirectional pattern with optimized vertical beamwidth for consistent signal performance.
- Secure Mounting: Compatible with standard 6.5-meter mast installations.

Key Highlights :

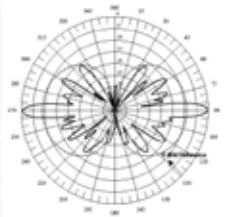
- Wideband operation across 764–869 MHz with 105 MHz channel size
- 4 dBi omnidirectional gain for uniform coverage
- High power handling up to 500 W
- Low VSWR (≤ 1.5) for efficient signal performance
- Reinforced fiberglass body for weather and UV resistance
- DC grounded for lightning protection
- Compact, lightweight design for easy installation
- Stable under wind load with low exposed area and strong lateral thrust tolerance
- 7/16 DIN-F connector for secure and reliable connections



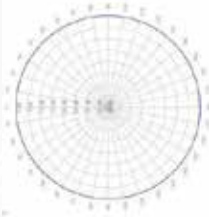
Specification :

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 Size	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 ft ²
Lateral Thrust lbf(N)	57(254)
Grounding	DC Ground
Grounding	DC Ground

Typical Patterns



Vertical Pattern



Horizontal Pattern

