

LT-ANT764-869DF-9

Fiberglass Omni Base Antenna 764-869 MHz 9 dBi

Product Overview :

The Lamatel LT-ANT 764-869DF-9 is a high-performance fiberglass omni-directional antenna designed for reliable long-range communication in the 764–869 MHz frequency band. Built for base station use, it delivers exceptional gain, durability, and consistent 360° coverage — ideal for LTE, TETRA, LMR, and critical communication systems.

Key Features :

- Wideband frequency coverage: 764–869 MHz
- High gain performance: 9 dBi
- Rugged fiberglass construction in blue
- 500W power handling for high-performance systems
- Omnidirectional pattern with 13° vertical beamwidth
- Weather-resistant design with 7/16 DIN-F termination
- DC Grounded for lightning protection

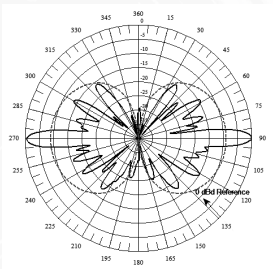
Key Highlights :

- Wideband frequency support (764–869 MHz) for versatile applications
- High 9 dBi gain with omnidirectional 360° coverage
- Handles up to 500W power with low VSWR (≤ 1.5) for efficient performance
- Durable, weather-resistant fiberglass construction in blue
- Narrow 13° vertical beamwidth for focused signal reach

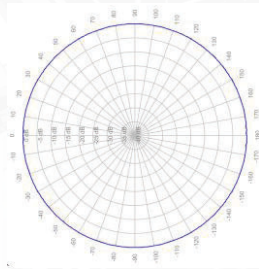
Applications:

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

Typical Patterns



Vertical Pattern



Horizontal Pattern



Specification :

LT-ANT764-869DF-9	
Frequency Range	764-869 MHz
Antenna Gain	9 dB
Power Rating	500 W
Impedance	50 Ω
VSWR	≤ 1.5 / 14 dB
Pattern	Omnidirectional
Vertical Beamwidth	Vertical 13°
Channel Size	105 MHz
Termination	7/16 DIN-F
Dimensions (Length x Base Diameter)	$\phi 60^*$ (1818 \pm 5) mm
Installed Antenna Wt (Antenna + Clamps)	3.47 \pm 0.05KG
Fiberglass Color	Blue
Mount ng Mast Length	6.5m
Maximum Exposed Area	2.02 ft ²
Lateral Thrust at 100 mph	65 KgF
Grounding	DC Ground

