

# LT-ANT764-869DF-9

Fiberglass Omni Base Antenna | 764-869 MHz | 9 dBi

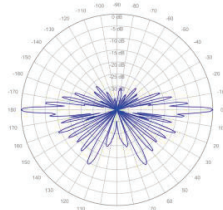
## Features

- Superior Performance
- Fiberglass Radome
- All Weather Operation
- Passive InterModulation
- Compatible Clamp: LT-C/ANT-SM & LT-C/ANT-BU (sold separately)

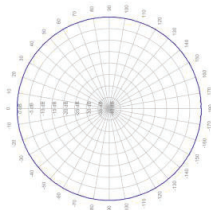
## Applications

- 764-869 MHz System
- Multipoint Application
- Digital Systems

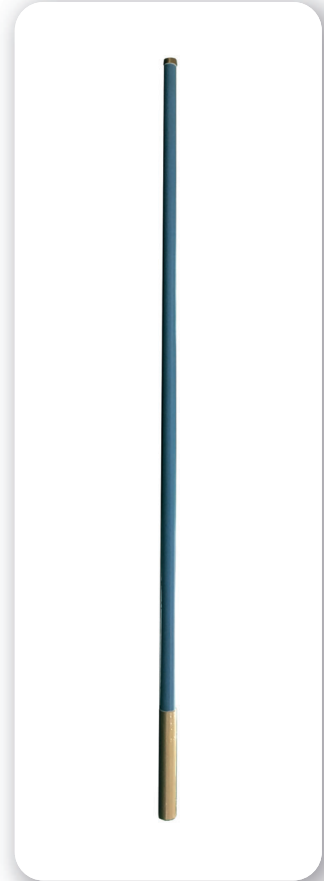
## Typical Patterns



Vertical Pattern



Horizontal Pattern



## Specifications

| LT-ANT764-869DF-9  |                    |
|--------------------|--------------------|
| Frequency Range    | 764-869 MHz        |
| Antenna Gain       | 9 dBi              |
| Power Rating       | 500 W              |
| Impedance          | 50 $\Omega$        |
| VSWR               | $\leq 1.5$ / 14 dB |
| Pattern            | Omnidirectional    |
| Vertical Beamwidth | Vertical 13°       |
| Channel Size       | 105 MHz            |

| LT-ANT764-869DF-9                          |                               |
|--|-------------------------------|
| Termination                                | 7/16 DIN-F                    |
| Dimensions<br>(Length x Base Diameter)     | $\phi 60^*$ (1818 $\pm$ 5) mm |
| Installed Antenna Wt<br>(Antenna + Clamps) | 3.47 $\pm$ 0.05KG             |
| Fiberglass Color                           | Blue                          |
| Mounting Mast Length                       | 6.5m                          |
| Maximum Exposed Area                       | 2.02 ft <sup>2</sup>          |
| Lateral Thrust at 100 mph                  | 65 KgF                        |
| Grounding                                  | DC Ground                     |

