

LT-ANT450-470DM-9

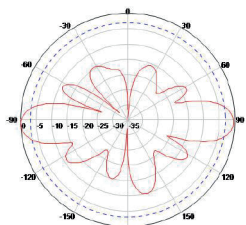
Fiberglass Omni Base Antenna | 450-470 MHz | 9 dBi

The LT-ANT450-470DM-9 represents the pinnacle of antenna craftsmanship, refined for the 450-470MHz UHF domain. With a commanding 9dBi gain, it ensures broadened signal reach and exceptional clarity. Integrated with a DIN connector, it ensures seamless and dependable connectivity. Primed for base station use, its adeptness at delivering crystal-clear transmissions ranks it as a preferred selection for advanced radio communication setups.

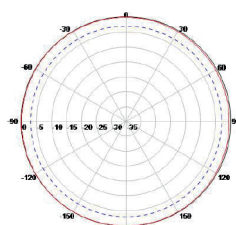
Features

- Superior Performance
- Fiberglass Radome
- All Weather Operation
- Passive InterModulation
- Compatible Clamp: LT-C/ANT-SM & LT-C/ANT-BU (sold separately)
- PIM \leq 150dBc

Typical Patterns



Vertical Pattern



Horizontal Pattern

Applications

- 450-470 MHz UHF System
- TETRA System
- Multipoint Application



Specifications

| LT-ANT450-470DM-9 | |
|--------------------|-----------------|
| Frequency Range | 450-470 MHz |
| Antenna Gain | 9 dBi |
| Power Rating | 500 W |
| Impedance | 50 Ω |
| VSWR | \leq 1.5 |
| Pattern | Omnidirectional |
| Vertical Beamwidth | 13° |

| LT-ANT450-470DM-9 | |
|---|----------------------|
| Termination | 7/16 DIN-K |
| Dimensions (Length x Base Diameter) | 126.18" x 2.76" |
| Intalled Antenna Wt (Antenna + Clamps) | 8.5 Kg |
| Fiberglass Color | Blue |
| Wind rating (0.5" ice) | 37.4 KgF |
| Maximum Exposed Area | 2.02 ft ² |
| Lateral Thrust at 100 mph | 8.4 KgF |
| PIM | 150dBc (@2*43dBm) |



Product specifications are subject to change without prior notice.
For more information, visit www.lamatel.ca or send an email to sales@lamatel.com.