

# LT-ANTD4-144-174-11

4-Element Dipole Array Antenna | 144-174 MHz | 8.5-11.2 dBi

The LT-ANTD4-144-174-11 represents a fusion of advanced engineering and practical design. Its unique features, from its 4-element dipole structure to its impressive gain, place it as a prime choice for powerful two-way radio systems in diverse professional settings.

## Features

- Broadband, Low VSWR
- High Gain
- 4-Element Dipole Array Antenna
- 300-Watt High Power
- Pattern Adjustable Offset Circular, Cardioids, or Bidirectional
- PIP: 500W

## Applications

- VHF 144-174 MHz
- Wireless Paging System
- Wireless Data Transmission System
- Wireless Video System



## Specifications

LT-ANTD4-144-174-11	
Frequency Range	144-174 MHz
Antenna Gain	9.7±1.5 dBi
Power Rating	300 W
Impedance	50 Ω
VSWR	≤ 1.5
Pattern	Omnidirectional
Vertical Beamwidth	18°

LT-ANTD4-144-174-11	
Termination	N Female
Dimensions (Length x Base Diameter)	195" x 2.36"
Intalled Antenna Wt (Antenna + Clamps)	13 Kg
Color	Black
Wind rating (0.5" ice)	122 KgF
Number of Elements	4
Lateral Thrust at 100 mph	29.1 KgF



Support mast is customer-supplied.  
Product specifications are subject to change without prior notice.  
For more information, visit [www.lamatel.ca](http://www.lamatel.ca) or send an email to [sales@lamatel.com](mailto:sales@lamatel.com).