

LT-ANTD4-300-370-11

UHF 4-ELEMENT DIPOLE ANTENNA

The Lamatel LT-ANTD4-300-370-11 is a high-performance 4-element dipole array antenna designed to deliver reliable, high-gain performance across the 300–370 MHz frequency range. Engineered for professional-grade communication systems, this broadband antenna offers low VSWR, high power handling, and versatile radiation pattern control, making it ideal for demanding UHF band applications such as TETRA networks, wireless data systems, and video transmission systems.

Key Features

- Frequency Range: 300–370 MHz
- Gain: 8.5–11.2 dBi high-gain performance
- Design: 4-element dipole array, adjustable radiation pattern
- Power: 300 W continuous / 500 W peak input
- VSWR: Low for efficient signal transfer
- Protection: DC grounded for lightning safety
- Durability: Weatherproof, corrosion-resistant, 60 m/s wind rating
- Mounting: Easy mast installation (customer-supplied)

Parameter	Specification
Model	LT-ANTD4-300-370-11
Frequency Range	300–370 MHz
Antenna Type	4-Element Dipole Array
Gain	8.5–11.2 dBi (depending on pattern spacing)
Vertical Beamwidth	16°
Polarization	Vertical
Impedance	50 Ω
VSWR	≤ 1.5
Maximum Input Power	300 W (continuous) / 500 W (peak)
Connector Type	N-Female
Lightning Protection	DC Grounded
Dimensions (H × D)	Customer-defined (dependent on spacing configuration)
Weight (Antenna + Clamps)	12.5 kg
Wind Rating	60 m/s
Mounting Support	Mast (customer-supplied)
Finish	Anti-corrosive coating / weatherproof sealing



Ordering Information

The LT-ANTD4-300-370 belongs to the Dipole Antenna Series (1, 2, and 4-element options). Other available models in this series include:

LT-ANTD1-145-175-5 (145–175 MHz, 1-element)
LT-ANTD1-380-470-5 (380–470 MHz, 1-element)
LT-ANTD2-145-175-7 (145–175 MHz, 2-element)
LT-ANTD2-380-470-7 (380–470 MHz, 2-element)
LT-ANTD4-144-174-11 (144–174 MHz, 4-element)
LT-ANTD4-380-470-11 (380–470 MHz, 4-element)
LT-ANTD4-300-370-11 (300–370 MHz, 4-elements)
LT-ANTD4-406-512-11 (406–512 MHz, 4-elements)

Applications

UHF base station and repeater systems
Public safety and emergency communication networks
Utility and transportation networks
Industrial and infrastructure coverage
Rural and suburban wide-area deployments

Custom options are available upon request, including frequency tuning, connector types, and mounting configurations.

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

