

# LT-ANTD2-380-470-7

## TETRA & UHF 2-ELEMENT DIPOLE ANTENNA

The LT-ANTD2-380-470-7 is a 2-element UHF dipole antenna designed for the 380–470 MHz band. With 7 dBi gain and 300 W maximum input power, it delivers extended coverage and improved performance compared to 1-element dipoles. Built with fiberglass and aluminum alloy, this antenna combines broadband reliability with rugged construction for long-term outdoor use.

### Key Features

- Frequency range: 380–470 MHz
- Gain: 7 dBi
- 300 W maximum input power
- Broadband design with VSWR  $\leq 1.5$
- Supports array configurations for omni, cardioid, or bidirectional patterns
- DC grounded for lightning protection
- Rugged, weather-resistant materials (fiberglass & aluminum)
- Includes stainless steel mounting hardware for mast installation



Feature	LT-ANTD2-380-470-7
Frequency Range	380–470 MHz
Gain	5.5–7 dBi
Vertical Beamwidth	35°
VSWR	$\leq 1.5$
Impedance	50 $\Omega$
Max. Power	300 W
Polarization	Vertical
Connector	N Female or 7/16 DIN
Dimensions (H $\times$ D)	1560 $\times$ 440 mm
Weight	7 kg (antenna + clamps)
Lightning Protection	DC Grounded
Wind Rating	60 m/s

### 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

### Ordering Information

The LT-ANTD2-380-470-7 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-ANTD4-144-174-11 (144–174 MHz, 4-element)  
LT-ANTD4-380-470-11 (380–470 MHz, 4-element)  
LT-ANTD4-406-512-11 (406–512 MHz, 4-element)1

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](http://www.lamatel.com) or send an email to [sales@lamatel.com](mailto:sales@lamatel.com)

