

# LT-ANT372-400DM-8

## UHF TETRA BASE STATION ANTENNA

The LT-ANT372-400DM-8 is a rugged UHF base station antenna optimized for the 372–400 MHz band. Offering 8 dBi gain and a reliable omnidirectional pattern, it ensures dependable coverage for mission-critical communications. Built with a fiberglass radome and equipped with a 7/16 DIN connector for high-power handling and low passive intermodulation, it delivers long-lasting performance in harsh outdoor environments.

### Key Features

- Frequency range: 372–400 MHz
- High gain  $8\pm 1$  dBi omnidirectional coverage
- Wide vertical beamwidth for balanced network deployment
- 500 W input power capacity
- Excellent passive intermodulation performance ( $IM3 \leq -150$  dBc)
- 7/16 DIN connector for low PIM/high reliability
- DC grounded lightning protection
- Durable fiberglass radome, IP24/IP65 protection
- Supplied with butterfly mounting kit, for poles  $\varnothing 80$ –95 mm

Feature	LT-ANT372-400DM-8
Frequency Range	372–400 MHz
Bandwidth	28 MHz
Gain	$8\pm 1$ dBi
Pattern Shape	Omnidirectional
Vertical Beamwidth	$16^\circ$
Horizontal Beamwidth	$360^\circ$
Intermodulation (IM3)	$\leq -150$ dBc
VSWR	$\leq 1.5$
Impedance	50 $\Omega$
Polarization	Vertical
Max. Power	500 W
Lightning Protection	DC Grounded
Ingress Protection	IP24 (IP65 blocking leak test)
Connector	7/16 DIN-K
Connector Position	Bottom
Length	$3205 \pm 20$ mm
Diameter	70 mm
Weight	$5.5 \pm 0.2$ kg (without bracket)
Radome	Blue Fiberglass
Pole Diameter	$\varnothing 80$ –95 mm
Rated Wind Velocity	60 m/s
Mounting Kit	Butterfly

### Applications

Professional UHF base stations  
Public safety and emergency networks  
Transportation, utilities, and industrial communications  
Wide-area coverage for critical infrastructure  
Urban and rural deployment

### Ordering Information

The LT-ANT372-400DM-8 is part of the UHF Medium Gain Antenna Series (8 dBi, 500 W, 3.2 m radome).

Other available models in this series include:

- LT-ANT350-375-8 (350–375 MHz, N connector)
- LT-ANT372-400-8 (372–400 MHz, N connector)
- LT-ANT445-480-8 (445–480 MHz, shorter 2.38 m radome)

Custom options are available upon request, including specific frequency ranges, connector types, and channel bandwidths.

