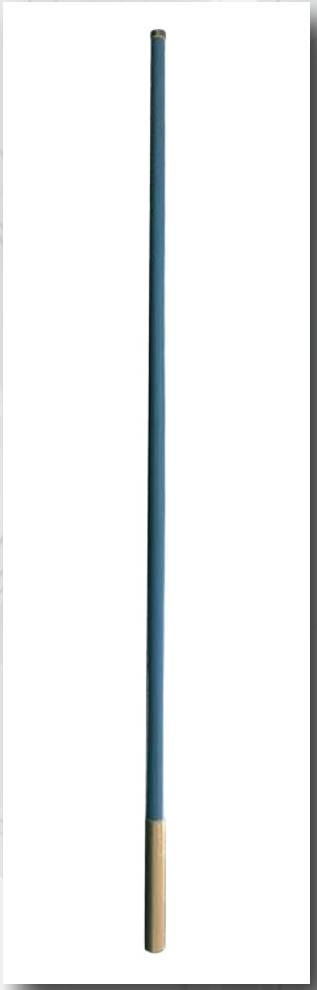
LT-ANT350-375-8

UHF TETRA BASE STATION ANTENNA

The LT-ANT350-375-8 is a high-performance UHF base station antenna designed for professional communication systems. It delivers stable omnidirectional coverage with 8 dBi gain, making it ideal for wide-area deployments in demanding environments. Its fiberglass radome and robust mounting kit ensure durability and reliable operation in harsh outdoor conditions.



Key Features

- **Frequency range: 350–375 MHz**
- **High gain 8±1 dBi omnidirectional pattern**
- **Wide vertical beamwidth for balanced coverage**
- **500 W maximum input power handling**
- **Low VSWR (≤1.5) for efficient transmission**
- **DC grounded for lightning protection**
- **Rugged blue fiberglass radome with IP24/IP65 protection**
- **Supplied with butterfly mounting kit, compatible with Ø80–95 mm poles**

Features	LT-ANT350-375-8
Frequency Range	350–375 MHz
Bandwidth	25 MHz
Gain	8±1 dBi
Pattern Shape	Omnidirectional
Vertical Beamwidth	16°
Horizontal Beamwidth	360°
Intermodulation (IM3)	≤-150 dBc
VSWR	≤1.5
Impedance	50 Ω
Polarization	Vertical
Max. Power	500 W
Lightning Protection	DC Grounded
Ingress Protection	IP24 (IP65 blocking leak test)
Connector	N Female
Connector Position	Bottom
Length	3205 ±20 mm
Diameter	70 mm
Weight	5.5 ±0.2 kg (without bracket)
Radome	Blue Fiberglass
Pole Diameter	Ø80–95 mm
Rated Wind Velocity	60 m/s
Mounting Kit	Butterfly

Applications

UHF base stations and repeater systems
Public safety and emergency communications
Transportation and utility networks
Critical infrastructure coverage
Rural and urban wide-area networks

Ordering Information

The LT-ANT350-375-8 belongs to the UHF Medium Gain Antenna Series (8 dBi, 500 W, 3.2 m radome).
Other available models in this series include:
- **LT-ANT372-400-8 (372–400 MHz, N connector)**
- **LT-ANT372-400DM-8 (372–400 MHz, 7/16 DIN 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.