

LT-ANT806-869F-12

806-869 MHZ FIBERGLASS OMNI ANTENNA

The LT-ANT806-869F-12 is a high-gain fiberglass omni-directional base antenna for the 806–869 MHz band. With 12 dBi gain and 500 W power handling, it provides extended range and improved link quality for wide-area coverage. Its tall radome design, fiberglass construction, and DC grounding for lightning protection ensure rugged reliability in demanding outdoor installations.

Key Features

- Frequency range: 806–869 MHz
- Gain: 12 dBi
- Input power handling: 500 W
- Wide vertical beamwidth for broad coverage
- VSWR ≤ 1.5 for efficient operation
- Vertical polarization
- DC grounded for lightning protection
- Rugged fiberglass radome with UV resistance
- Supplied with stainless steel mounting kit

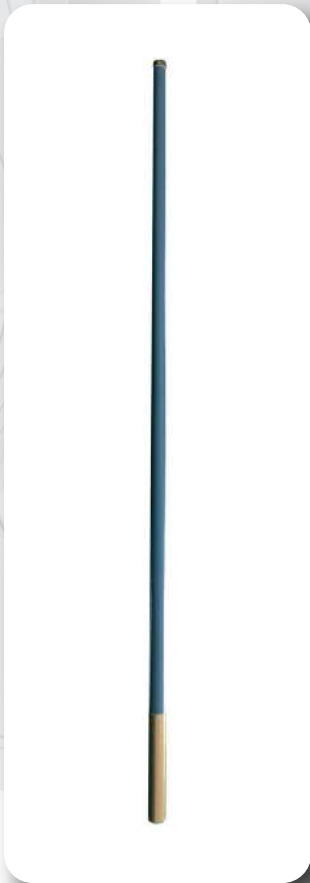
Feature	LT-ANT806-869F-12
Frequency Range	806–869 MHz
Gain	12 dBi
VSWR	≤ 1.5
Impedance	50 Ω
Max. Power	500 W
Polarization	Vertical
Connector	7/16 DIN Female
Dimensions (H)	~3.6 m
Weight	~16 kg
Radome Material	Fiberglass
Color	White
Lightning Protection	DC Grounded
Operating Temp	–40° to +70°C
Wind Rating	60 m/s
Mounting Pole Ø	40–60 mm
Mounting Hardware	Included

Installation Notes:

Mount antenna using included stainless steel clamps (pole Ø40–60 mm).

Ensure antenna is vertical for correct omnidirectional coverage.

Weatherproof all cable connections to maintain long-term performance.



Applications

- LTE 800 MHz networks
- Public safety and emergency systems
- Utility and transport communications
- Industrial and private broadband networks
- Omni base station coverage in the 806–869 MHz band

Ordering Information

The LT-ANT806-869F-12 belongs to the 764–896 MHz and 806–869 MHz Fiberglass Omni Antenna Series.

Other available models include:

- LT-ANT764-896-DF-4 (4 dBi, 764–896 MHz)
- LT-ANT764-896-DF-9 (9 dBi, 764–896 MHz)
- LT-ANT764-896-DF-9.5 (9.5 dBi, tall, 764–896 MHz)
- LT-ANT806-869F-4.5 (4.5 dBi, 806–869 MHz)
- LT-ANT806-869DF-12 (12 dBi, dual fiberglass, 806–869 MHz)

