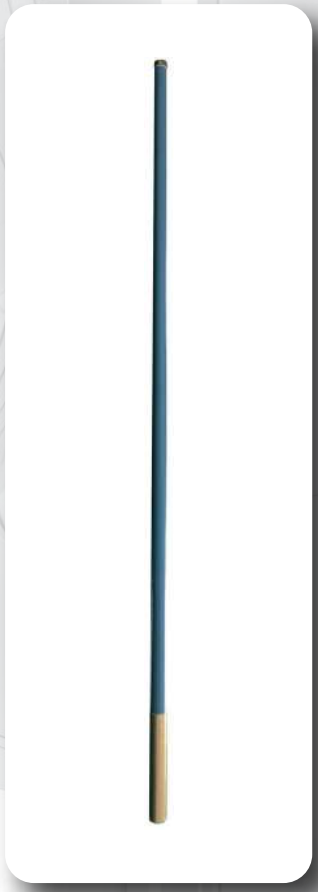
LT-ANT806-869F-4.5

806-869 MHZ FIBERGLASS OMNI ANTENNA



The LT-ANT806-869F-4.5 is a low-gain fiberglass omni-directional base antenna optimized for the 806–869 MHz band. With 4.5 dBi gain and 500 W input power handling, it is designed for wide-area coverage in public safety, LTE 800, and private network deployments. Its fiberglass radome, lightweight construction, and DC grounded lightning protection ensure durability and stable performance in harsh outdoor conditions.

Key Features

- Frequency range: 806–869 MHz
- Gain: 4.5 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-4.5
Frequency Range	806–869 MHz
Gain	4.5 dBi
VSWR	≤ 1.5
Impedance	50 Ω
Max. Power	500 W
Polarization	Vertical
Connector	7/16 DIN Female
Dimensions (H)	~1.5 m
Weight	~7 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

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

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.

Ordering Information

The LT-ANT806-869F-4.5 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, compact, 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-12 (12 dBi, 806–869 MHz)
LT-ANT806-869DF-12 (12 dBi, dual fiberglass, 806–869 MHz)