

LT-ANT764-896-DF-4

764-896 MHz FIBERGLASS OMNI ANTENNA

The LT-ANT764-896-DF-4 is a low-gain fiberglass omni-directional base antenna designed for the 764–896 MHz band. With 4 dBi gain and 500 W input power handling, it delivers stable, wide-area coverage for public safety, utility, and wireless communication systems. Its fiberglass radome, rugged aluminum fittings, and lightning-protected DC grounding ensure long-term durability in harsh outdoor environments.

Key Features

- Frequency range: 764–896 MHz
- Gain: 4 dBi
- Input power handling: 500 W
- Omni coverage with wide vertical beamwidth
- VSWR ≤ 1.5 for efficient operation
- DC grounded for integrated lightning protection
- Durable fiberglass radome for outdoor installations
- Stainless steel mounting hardware included

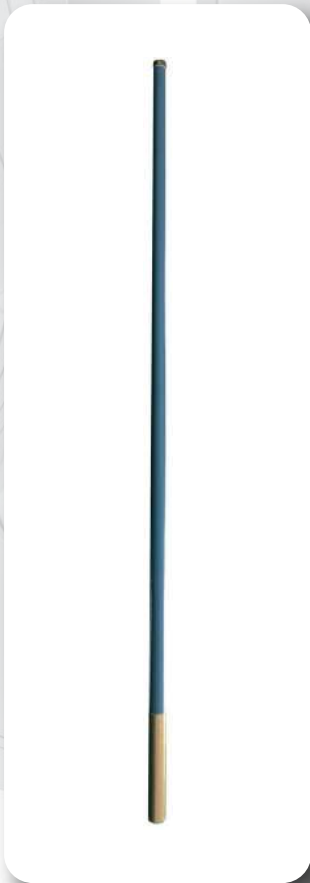
Feature	LT-ANT764-896-DF-4
Frequency Range	764–896 MHz
Gain	4 dBi
VSWR	≤ 1.5
Impedance	50 Ω
Max. Power	500 W
Polarization	Vertical
Connector	7/16 DIN Female
Dimensions (H)	~1.5 m
Weight	~8.6 kg
Radome Material	Fiberglass
Color	White
Lightning Protection	DC Grounded
Operating Temp	–40° to +70°C
Wind Rating	60 m/s
Mounting Pole Ø	40–60 mm
Mounting Hardware	Butterfly

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

Public safety and emergency networks
Utility and transport communications
Private wireless and broadband systems
Base station omni coverage in 764–896 MHz band

Ordering Information

The LT-ANT764-896-DF-4 belongs to the 764–896 MHz and 806–869 MHz Fiberglass Omni Antenna Series.

Other available models include:

LT-ANT764-896-DF-9 (9 dBi, compact, 764–896 MHz)

LT-ANT764-896-DF-9.5 (9.5 dBi, tall design, 764–896 MHz)

LT-ANT806-869F-4.5 (4.5 dBi, 806–869 MHz)

LT-ANT806-869F-12 (12 dBi, 806–869 MHz)

LT-ANT806-869DF-12 (12 dBi, dual fiberglass design, 806–869 MHz)

