

LT-ANTMU-440-480-6.5

UHF Mobile Antenna (440–480 MHz, 6.5 dBi Gain)

The LT-ANTMU-440-480-6.5 is a high-gain UHF mobile antenna designed for professional communication systems operating in the 440–480 MHz band. Featuring a 5/8 over 1/2 wave design, it provides extended coverage, stable impedance, and efficient power handling. Rugged and reliable, it is ideal for demanding environments where maximum performance is required.

Key Features

- Optimized for 440–480 MHz
- 6.5 dBi gain for extended communication range
- 5/8 over 1/2 wave design for superior performance
- 50 Ω impedance for efficient matching with radio systems
- 160 W power capacity for reliable operation
- Compact size: 790 mm length
- Flexible mounting options: compatible with NMO base or Magnet base.



LT-ANTMU-440-480-6.5	
Frequency Range	440-480 MHz
Gain	6.5 dBi
Wave	5/8 over 1/2 wave
Impedance	50 Ω
Power Capacity	160 W
Connec on	NMO
Length	790 mm
Moun ng	Hole or Magne c Mount

Applications

Public safety and emergency services
Transportation and fleet management
Oil & Gas field communications
Utilities and critical infrastructure
Security and defense operations
Commercial and industrial radio networks

Ordering Information

The Lamatel mobile antenna series is available in multiple frequency ranges and gain options to support a wide variety of communication needs. Customers can select the appropriate model based on their operating band and performance requirements. Mounting options (NMO base or Magnet base) are available separately.

Lamatel Part Number	Frequency Range	Gain
LT-ANTMU-380-400-5	380–400 MHz	5.0 dBi
LT-ANTMU-410-430-3	410–430 MHz	3.0 dBi
LT-ANTMU-430-450-3	430–450 MHz	3.0 dBi
LT-ANTMU-450-470-3	450–470 MHz	3.0 dBi
LT-ANTMU-440-480-6.5	440–480 MHz	6.5 dBi
LT-ANTMV-148-168-4.5	148–168 MHz	4.5 dBi
LT-NMO-BNC-18FT	Hole Mount	
LT-MG3-NMO-BNC-19.6FT	Magne c Mount	

