

LT-ANTSP78-1P-2FT

High Performance Low Profile Antenna - Single Polarized

Engineered for reliability and efficiency, the Lamatel LT-ANTSP78-1P-2FT is a high-performance, low-profile antenna designed to deliver optimal signal quality in demanding environments. With its single polarization and compact 2-foot profile, this antenna is ideal for installations where space, durability, and performance are critical.

Built to meet professional-grade standards, it ensures strong connectivity, reduced interference, and enhanced frequency response across a wide operational range. Its rugged construction makes it suitable for fixed and mobile communication systems, especially in mission-critical applications.

Key Features :

- High-performance signal reception and transmission
- Low-profile design for discreet and space-efficient deployment
- Single polarization for focused and stable signal direction
- Durable and weather-resistant construction
- 2-foot cable for flexible installation options



Specification :

Product Classification	
Product Type	Microwave antenna
General Specifications	
Polarization	Single
Side Struts, Included	0
Side Struts, Optional	0
Dimensions	
Diameter, nominal	0.6 m 2 ft
Electrical Specifications	
Operating Frequency Band	7.100 – 8.500 GHz
Gain, Low Band	29.6 dBi
Gain, Mid Band	31.1 dBi
Gain, Top Band	32.2 dBi
Boresite Cross Polarization Discrimination (XP)	32 dB
Front-to-Back Ratio	57 dB
Beamwidth, Horizontal	4.7 °
Beamwidth, Vertical	4.7 °
Return Loss	17.7 dB
VSWR	1.3
Radiation Pattern Envelope Reference (RPE)	7199C
Electrical Compliance	Brazil Anatel Class 2 ETSI 302 217 Class 3
Mechanical Specifications	
Compatible Mounting Pipe Diameter	50 mm–120 mm 2.0 in–4.7 in
Fine Azimuth Adjustment Range	±15°
Fine Elevation Adjustment Range	±15°
Wind Speed, operational	201 km/h 124.896 mph
Wind Speed, survival	250 km/h 155.343 mph

