

Mechanical specifications

Length		
Overall	825.5 mm	32.5 in
Radome	742.95 mm	29.25 in
Diameter	Ø65 mm	2.6 in
4) Weight	2.27 kg	5.0 lbs
Wind Area	0.055 m ²	0.597 ft ²
Wind load at 50 m/s	80.5 N	18.1 lbs

Antenna consisting of aluminum alloy. Dipoles covered by a polyurethane painted fiberglass radome.

Mounting

Support Pipe: Aluminum alloy diameter Ø70 mm (2.76 in), length 82.55 mm (3.25 in).

Mounting bracket kit #36312001
Downtilt bracket kit N/A

Electrical specifications

Frequency Range	806-900 MHz
	870-960 MHz

Specify frequency range when ordering.

Impedance	50Ω
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3) Connector	NE, E-DIN
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1) VSWR	≤1.43:1
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Polarization	Vertical
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1) Gain	3 dBd
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2) Power Rating	500 W
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1) Half Power Angle	
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H-Plane	360°
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E-Plane	28°
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1) Electrical Downtilt	0°
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1) Null Fill	0%
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Lightning Protection	Direct Ground
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¹⁾ Typical Values

²⁾ Power Rating limited by connector only.

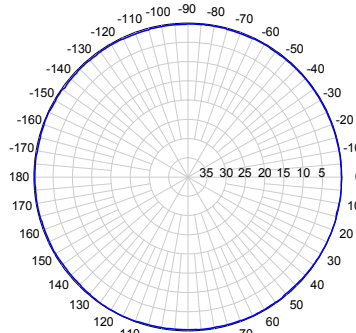
³⁾ NE indicates an elongated N Connector.

E-DIN indicates an elongated DIN Connector.

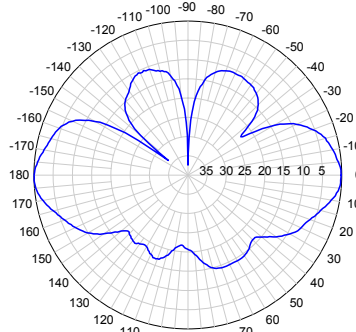
⁴⁾ The antenna weight listed above does not include the bracket weight.

Improvements to mechanical and/or electrical performance of the antenna may be made without notice.

Radiation-pattern¹⁾



Horizontal



Vertical



806-960 MHz



**Amphenol Antel's
Exclusive 3T (True
Transmission Line
Technology)
Antenna Design:**

- A 1 1/4" four-channel extrusion running the entire length of the antenna for unmatched strength and rigidity.
- Durable brass feedline design that eliminates the need for conventional solder joints in the signal path.
- A non-collinear system with access to every radiating element for broad band width and superior performance.
- Air as insulation for virtually no internal signal loss.

Every Amphenol Antel antenna is under a five-year limited warranty for repair or replacement.

806-900 MHz

**Amphenol
Antel, Inc.**
The Antenna Technology Company

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