

Indoor Omni Dome Antenna

Indoor Cellular Coverage

MODEL NUMBERS: A11-V43-121, A11-V43-100

The Indoor Omni Dome Antenna is designed to receive and transmit signals in a 360° pattern and is compatible with 3G/4G and 5G signals. These antennas are available with either an N-type Female or SMA connector, ensuring versatility. The Indoor Omni Dome Antenna provides omnidirectional coverage, making it a reliable choice for various QUATRA and GO line server antenna applications.



Features and benefits:

- SISO Omnidirectional Antenna for common cellular technologies.
- High gain and better coverage performance
- Drop Ceiling mountable
- For indoor server antenna applications
- Available with either N-type or SMA connectors

Electrical Specifications

Model Number	A11-V43-121		A11-V43-100	
Frequency (MHz)	698–5900 MHz		698–960 MHz	1710–2700 MHz
Gain (dB)	2–5.5 dBi		2.5 dBi	3.5 dBi
VSWR	2.0:1 max.		1.8:1 max.	1.5:1 max.
Polarization			Vertical	
Horizontal Beamwidth			360°	
Vertical Beamwidth	85°		90°	55°
Impedance (Ω Nom.)			50 Ω	
Power Rating			50 W max.	
Lighting Protection			DC Ground	

Mechanical Specifications

Model Number	A11-V43-121		A11-V43-100	
Connector	N-type Female		SMA Male	
Pigtail Cable			11.8 in (0.3m) RG58	
Random Material			White, UV Stabilized ABS	
Operating Temperature			-40 to 149 °F (-40 to 65 °C)	
Storage Temperature			-40 to 149 °F (-40 to 65 °C)	
Ingress Protection Rating			IPX0, Indoor Only	
Mounting			Drop Ceiling Mount with mounting nut	
Unit Dimensions	Φ7.32 x 3.19 in (Φ186 x 81 mm)		Φ7.32 x 3.35 in (Ø186 x 85 mm)	
Unit Weight	0.57 lbs (0.26 kg)		0.62 lbs (0.28 kg)	

Compliance

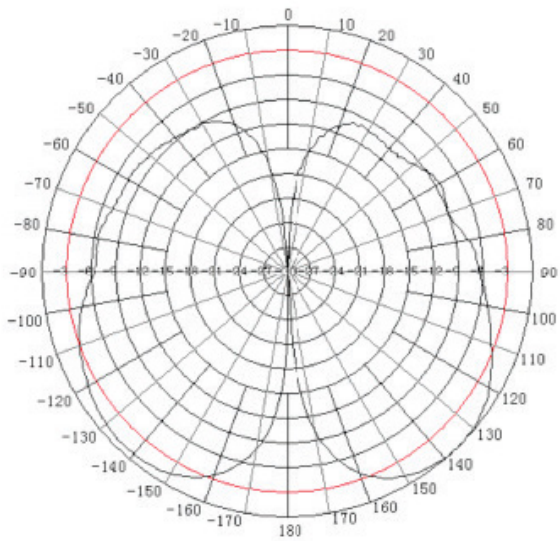
Model Number	A11-V43-121		A11-V43-100	
CE			Compliant	
RoHS			EN 63000: 2018 Compliant	

Ordering Information

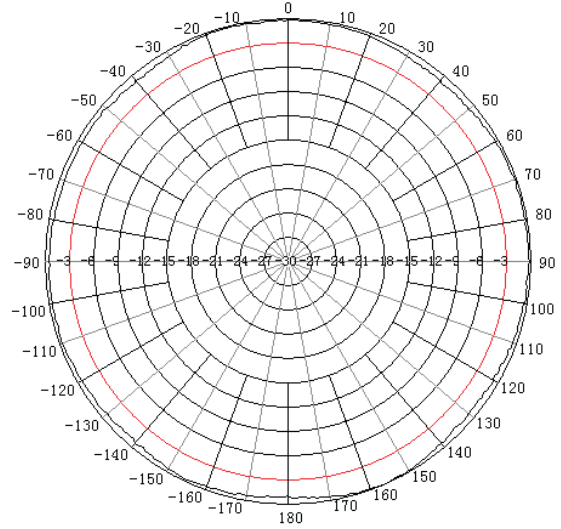
Model Number	A11-V43-121	A11-V43-100
Region	AMER/EMEA/APAC	
Box Contents	Main Unit Ceiling Mount Nut	
Shipping Dimensions	6.53 x 6.53 x 5.98 in (166 x 166 x 152 mm)	7.09 x 6.30 x 5.91 in (180 x 160 x 150 mm)
Shipping Weight	0.46 lbs (0.21 kg)	0.46 lbs (0.21 kg)
GTIN-12 (U.P.C.)	812037031847	812037030895
Harmonized Tariff Schedule (HTS)	8517.69.90.00	
Export Control Classification Number (ECCN)	EAR99	

Radiation Patterns:

A11-V43-121

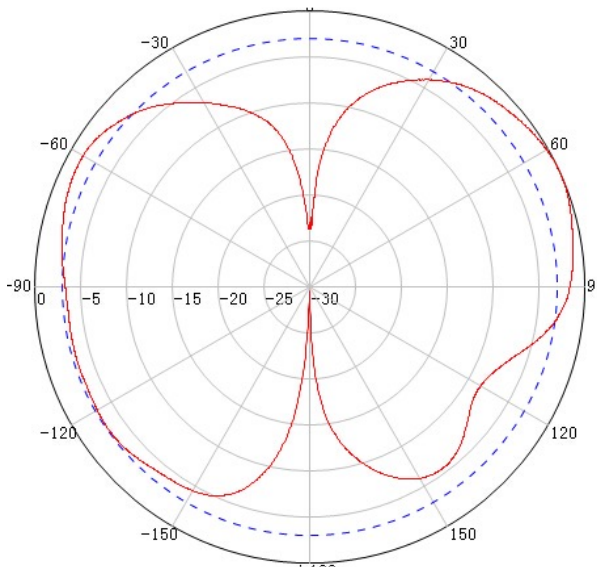


E Plane

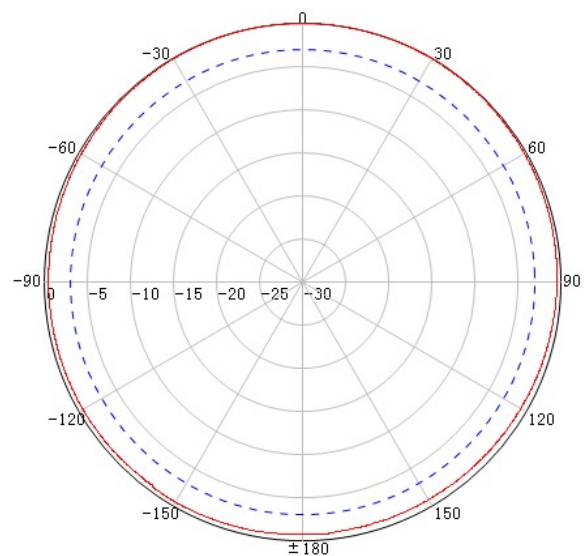


H Plane

A11-V43-100



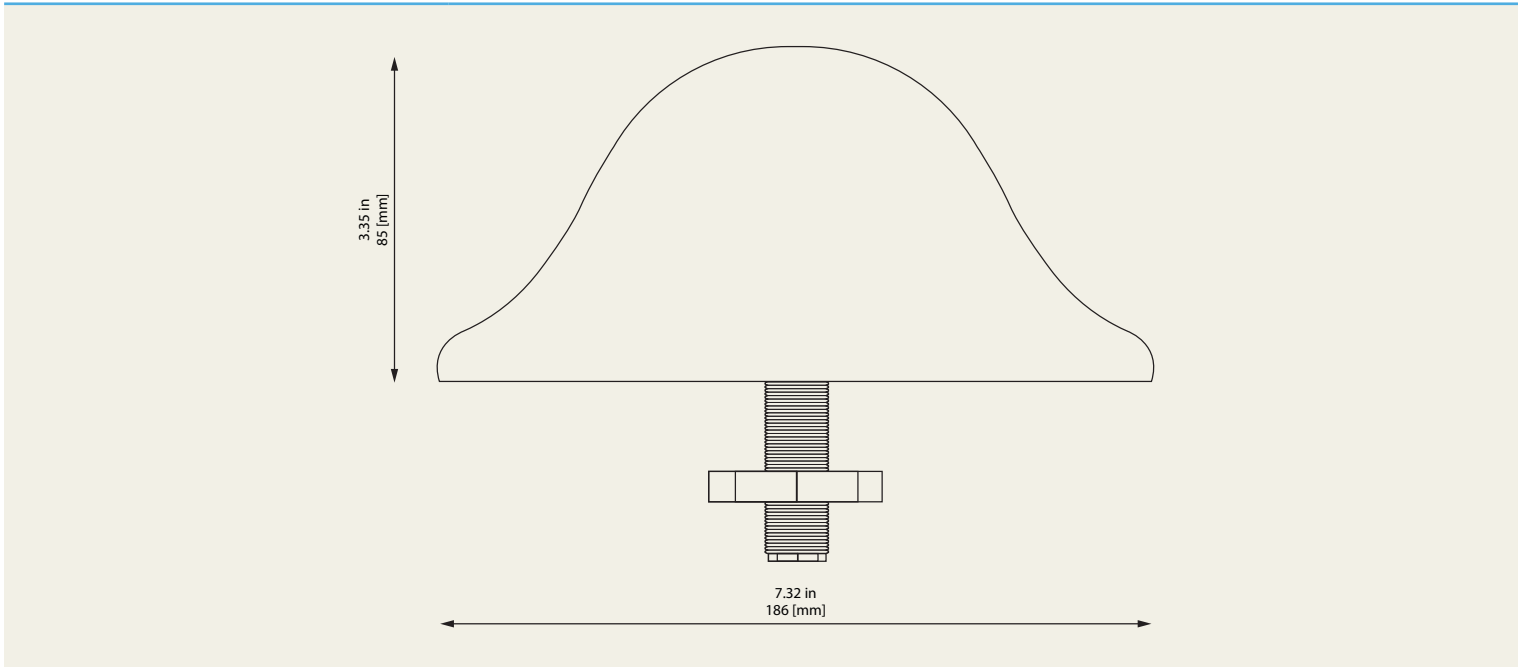
E Plane



H Plane

Outline Drawing

A11-V43-121



Outline Drawing

A11-V43-100

