

A-21A12-N-x

Single Band | Planar | V/H-Pol | 30°- 34° | 13.5-16.2 dBi | Fixed Tilt

- Single band, vertically or horizontally polarized planar antenna with fixed electrical downtilt
- Two mounting options available
- Bracket included with antenna



Ordering Options	Model Number
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When ordering replace "x" with the desired mounting type.

U-bolt mounting	A-21A12-N-B
C-mount	A-21A12-N-C

The bracket for this antenna model is included in the price of the antenna

Electrical Characteristics	1710-2490 MHz			
	1710-1880	1850-1990	1920-2170	2170-2490
Frequency Bands (MHz)	1710-1880	1850-1990	1920-2170	2170-2490
Polarization	Vertical or Horizontal (optional mounts)			
Horizontal Beamwidth	34°	33°	30°	30°
Vertical Beamwidth	29°	29°	26°	26°
Gain	13.5 dBi	14.5 dBi	15.4 dBi	16.2 dBi
Impedance	50Ω			
VSWR	≤ 1.4	≤ 1.4	≤ 1.4	≤ 2
Front-to-Back Ratio	≥ 30 dB (180° ± 30°)			
Input Power	50 W			
Lightning Protection	DC Ground			
Operating Temperature	-40° to +60° C (-40° to +140° F)			
Connector(s)	1 Port / N-Type / Female / Back / Corner			

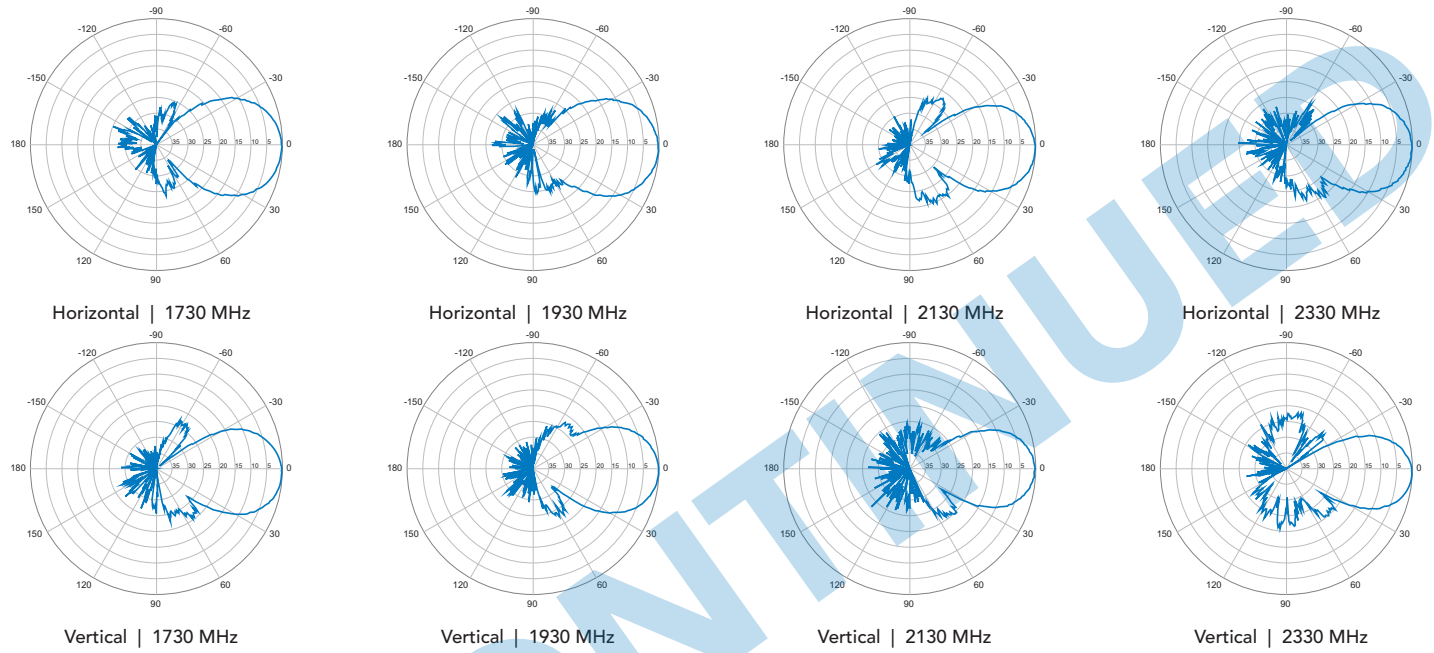
Mechanical Characteristics	
Dimensions Length x Width x Depth	330 x 330 x 62 mm / 13.0 x 13.0 x 2.4 in
Weight without Mounting Brackets	2.5 kg / 5.5 lbs
Rated Wind Velocity	216 km/hr / 134 mph
Radome Material	UV ABS
Mounting Options	
Mounting Kit (x)	(B) = U-bolt mounting kit / (C) = C-mount kit
Weight	0.9 kg / 2 lbs / 0.9 kg / 2 lbs
Part number if ordering separately	H00830 / 505-110-5-029
Mounting interface (pole)	50-765 mm / 2.0-3.0 in / 48-74 mm / 1.9-2.9 in

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.

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1710-2490 MHz



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