

Standalone Panel Antenna

2.4-2.5GHz 19dBi



- ◆ Patented, high gain, low cost design
- ◆ Low profile, rugged design for outdoor use
- ◆ US Engineered
- ◆ Manufactured under strict US quality control procedures
- ◆ Articulating wall and pole mount included
- ◆ Custom designs available

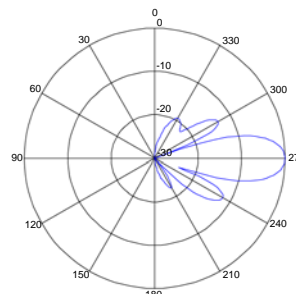
Mechanical and Environmental Specifications	
Length x Width x Depth	15.4in x 15.4in x 1.7in (391mm x 391mm x 43mm)
Weight	2.2 lb (1 kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic
Wind Survivability	125mph (201kph)
Wind Load	1.90ft ² (0.18m ²)
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 2.0in (19mm to 51mm)

Electrical Specifications	
Frequency Range	2.4-2.5GHz
Gain	19dBi
3dB Beamwidth Vertical/Horizontal	18deg/18deg
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1 typ., ≤1.7:1 max.
Front-to-Back Ratio	>30 dB
Cross Polarization	>30 dB
Power Rating	30 watts
Impedance	50 ohms
Lighting Protection	DC ground
Connector Type	Integral type N jack

Ordering Information	
Part #	Description
ARC-PA2419B01	2.4GHz 19dBi Standalone Panel, Type N Jack

Shipping Information	
Sizes and Weights	Description
25in x 16in x 14.5in (635mm x 406mm x 368mm)	Packaging includes 10 units in a single over pack box w/ 10 brackets
27lb (12.2kg)	

RF Patterns
Vertical Cut, typ.



RF Patterns
Horizontal Cut, typ.

