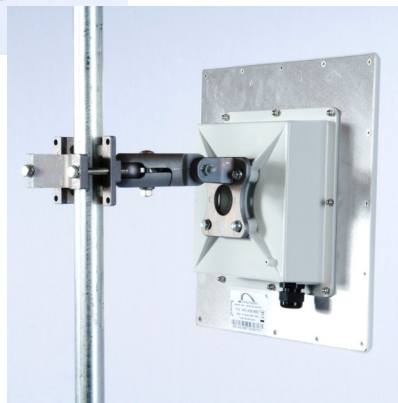
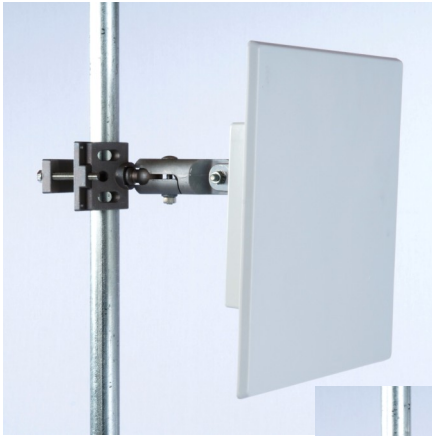


# ARC IES™ Panel Antenna

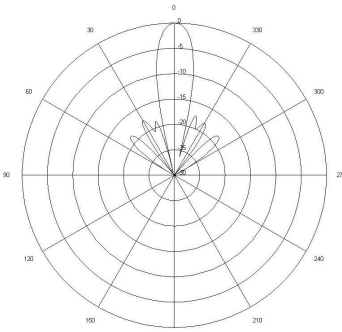
## 5.15-5.875GHz 22dBi

### Part Number: ARC-IA5822B01

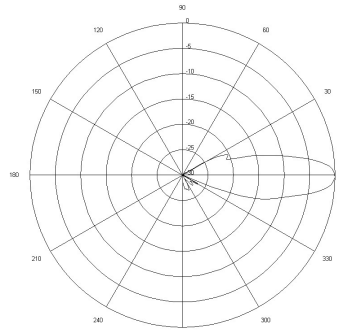


- ◆ Fits with ARC's IES™, Integrated Enclosure Solution SOLD SEPARATELY— Part # ARC-IE1001K99 or ARC-IE2000K01 (Gen II); ARC ABS™, Articulating Bracket Solution included with ARC-IE2000K01
- ◆ US Engineered
- ◆ Manufactured under strict US quality control procedures
- ◆ High Gain, Competitive Pricing, Patented Circuit Design
- ◆ Low profile and rugged design for outdoor use
- ◆ Custom enclosures available

RF Patterns  
Vertical Cut, typ.



RF Patterns  
Horizontal Cut, typ.



Electrical Specifications	
Frequency Range	5.15—5.875 GHz
Gain	22dBi
3dB Beamwidth Vertical/Horizontal	12 degrees/12 degrees
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1, typ., ≤1.7:1, max.
Front-to-Back Ratio	≤30 dB
Cross Polarization	≤20 dB
Power Rating	6 watts max
Impedance	50 ohms
Lightning Protection	DC ground
Connector Type	R/A SMA Jack

Mechanical and Environmental Specifications	
Length x Width x Depth	13.3in x 13.3in x .43in (33.8cm x 33.8cm x 1.1cm)
Weight	1.65lbs (0.75kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	1.23ft <sup>2</sup> (0.12m <sup>2</sup> )
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 3.0in (1.9cm to 7.6cm)

Ordering Information	
Part #	Description
ARC-IA5822B01	Panel, 5.8GHz, 22dBi, Single Pol, R/A SMA Jack, ARC IES™ Enclosure Mount

Shipping Information	
Sizes and Weights	Description
14in x 11in x 14in (35.6cm x 28.0cm x 35.6cm) 24lbs (10.9kg)	Bulk Pack, includes 10 single packs in an over pack box

[www.antennas.com](http://www.antennas.com)

Specifications subject to change without notice

Don't see what you need? Contact us to discuss alternate configurations

See [www.antennas.com](http://www.antennas.com) for warranty information