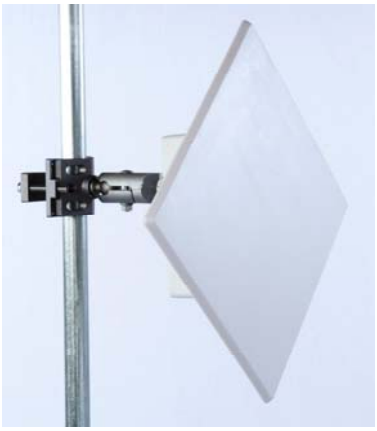
4.94-4.99GHz 19dBi & 5.15-5.875GHz 23dBi Panel Antenna for ARC IES™, Integrated Enclosure Solution



- High gain, low cost circuit design
- Low profile and rugged design for outdoor use
- US Engineered
- Manufactured under strict US quality control procedures
- 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
- Custom Enclosures Available

ARC-IA5823B02

Electrical Specifications	
Frequency Range	4.94-4.99GHz/5.15-5.875GHz
Gain	19dBi/23dBi
3dB Beamwidth Vertical/Horizontal	10deg/10deg
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1 typ., ≤1.7:1 max.
Front-to-Back Ratio	>40 dB
Cross Polarization	>30 dB
Power Rating	30 watts
Impedance	50 ohms
Lightning Protection	DC ground
Connector Type	R/A SMA Jack

Ordering Information	
Part #	Description
ARC-IA5823B02	4.94/5.875GHz 19/23dBi, R/A SMA Jack

Shipping Information	
Sizes and Weights	Description
14in x 11in x 14in (35.6cm x 27.9cm x 35.6cm) 25lb, (11.34kg)	Antenna Packaging includes 10 antennas in a single over pack box

www.antennas.com

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

Specifications subject to change without notice

See www.antennas.com for warranty information

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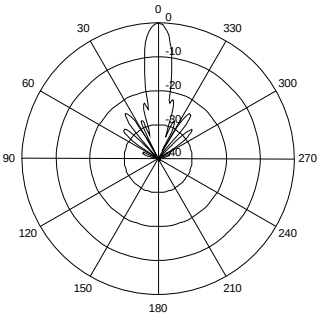
ARC Wireless Solutions, Inc. • 10601 I-70 Frontage Rd. N • Wheat Ridge, CO 80033-2660 • Phone 303.421.4063 • Toll Free 800.508.6532 • sales@antennas.com

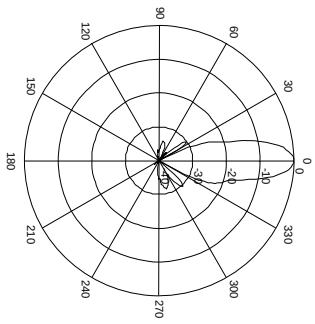
4.94-4.99GHz 19dBi & 5.15-5.875GHz 23dBi Panel Antenna for ARC IES™, Integrated Enclosure Solution

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	2.02lb (.92kg)
Backplane	Aluminum
Enclosure	Gray, Powder-coated die-cast aluminum
Radome	Gray, Injection Molded UV stabilized ABS plastic
Wind Survivability	125mph (201kph)
Wind Load	1.23ft² (0.12m²)
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)

RF Patterns
Vertical Cut, typ.



RF Patterns
Horizontal Cut, typ.



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