ARC wireless solutions™
"Patented Antenna Solutions"

3.3-3.8GHz 18dBi Panel Antenna for ARC IES™, Integrated Enclosure Solution

RoHS

- 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-IA3518B07

Electrical Specifications	
Frequency Range	3.3-3.8GHz
Gain	18dBi
3dB Beamwidth Vertical/Horizontal	22 degrees/16 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

Ordering Information	
Part #	Description
ARC-IA3518B07	3.5GHz 18dBi, R/A SMA Flange Mount Jack

Shipping Information	
Sizes and Weights	Description
14in x 11in x 14in (35.6cm x 27.9cm x 35.6cm) 23lbs (10.43kg)	Bulk Pack, includes 10 single packs in an 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

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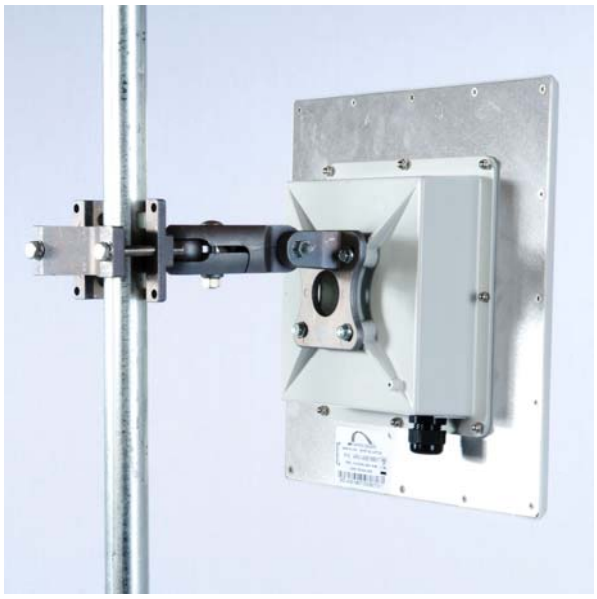
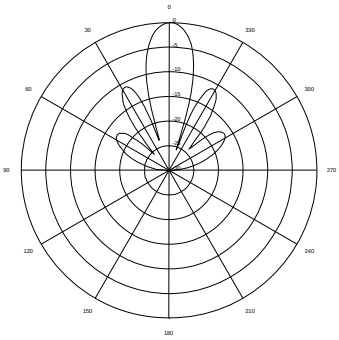
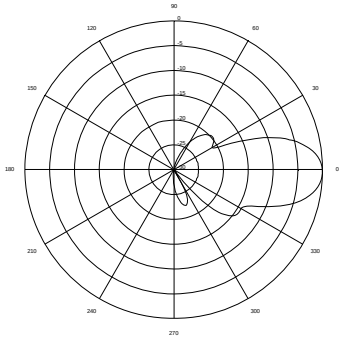


Mechanical and Environmental Specifications	
Length x Width x Depth	13.3in x 13.3in x .43in (33.8cm x 33.8cm x 1.1cm)
Weight	1.81lbs (.82kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	1.23ft² (0.12m²)
Operating Temperature Range	-49°F to +149°F (-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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