



4Net Networking Corp.
Computer Network Products

4Net Networking Corporation
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5.15-5.875GHz 20dBi 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 Solutions SOLD SEPARATELY— Part # ARC-IE1001K99 or ARC-IE2000K01 (Gen II); ARC ABS™, Articulating Bracket Solution included with ARC-IE2000K01
- ◆ Custom Enclosures Available

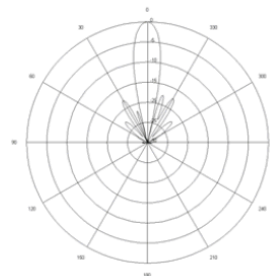
Mechanical and Environmental Specifications	
Length x Width x Depth	10.4in x 10.4in x .49in (26.4cm x 26.4cm x 1.2cm)
Weight	1.43lb (0.65kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	0.75ft ² (0.069m ²)
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 3.0in (1.9cm to 7.6cm)

Ordering Information	
<u>Part #</u>	<u>Description</u>
ARC-IA5820B02	5.8GHz 20dBi, low profile radome, R/A SMA Jack

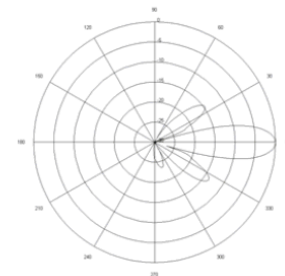
Shipping Information	
<u>Sizes and Weights</u>	<u>Description</u>
13in x 12in x 12in (33.0cm x 30.5cm x 30.5cm) 16lb (7.26kg)	Bulk Pack, 10 antennas divided in an over pack box

Electrical Specifications	
Frequency Range	5.15—5.875 GHz
Gain	20dBi
3dB Beamwidth Vertical/Horizontal	14 degrees/11 degrees
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1 typ., ≤1.7:1 max.
Front-to-Back Ratio	≤35 dB
Cross Polarization	≤20 dB
Power Rating	6 watts
Impedance	50 ohms
Lightning Protection	DC ground
Connector Type	R/A SMA Jack

RF Patterns
Vertical Cut, typ.



RF Patterns
Horizontal Cut, typ.



Specifications subject to change without notice

Rev 011209

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

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