

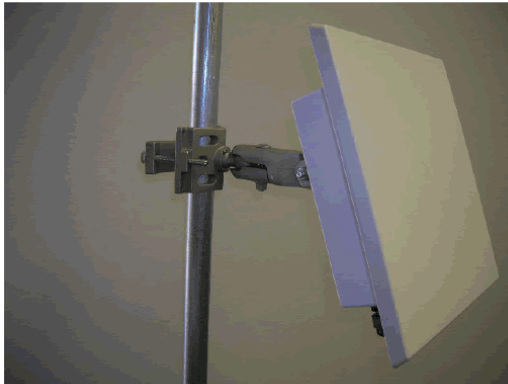


4Net Networking Corp.
Computer Network Products

4Net Networking Corporation
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2.3-2.5GHz 16dBi 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 4

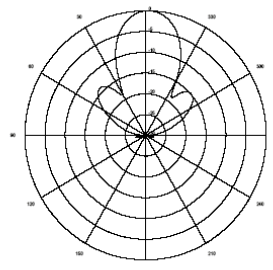
Mechanical and Environmental Specifications	
Length x Width x Depth	10.4in x 10.4in x .49in (26.4cm x 26.4cm x 1.2cm)
Weight	1.3lb (0.59kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	0.75ft ² (0.069m ²)
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 3.0in (1.9cm to 7.6cm)

Electrical Specifications	
Frequency Range	2.3-2.5GHz
Gain	16.0 dBi typical
3dB Beamwidth Vertical/Horizontal	25deg/27deg
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1 typical, 1.7:1 max
Front-to-Back Ratio	≤30 dB
Cross Polarization	≤20 dB
Power Rating	6 watts
Impedance	50 ohms
Lightning Protection	DC ground
Connector Type	R/A SMA Jack

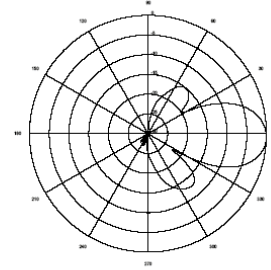
Ordering Information	
Part #	Description
ARC-IA2416B02	2.3-2.5GHz 16dBi, R/A SMA Jack

Shipping Information	
Sizes and Weights	Description
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

RF Patterns
Vertical Cut, typ.



RF Patterns
Horizontal Cut, typ.



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

Specifications subject to change without notice

Rev 010509