

- Fits ARC IES™ Enclosure Solutions - Sold Separately
- High gain, low cost circuit design
- US Engineered
- Manufactured under strict US quality control procedures
- Low profile and rugged design for outdoor use
- Custom Enclosures available

Electrical Specifications

Frequency Range	902-928 MHz
Gain (Typ)	12.5dBi
Polarization	Single Linear – Vertical or Horizontal
3dB Beamwidth Vertical/ Horizontal	42 degrees/ 42 degrees
VSWR	≤1.5:1 typ, ≤1.7:1 max

Front-to-Back Ratio	>20 dBi
Cross Polarization	>25 dBi
Power Rating	30 watts
Impedance	50 ohms
Lightning Protection	DC Ground
Connector Type	R/A SMA Jack

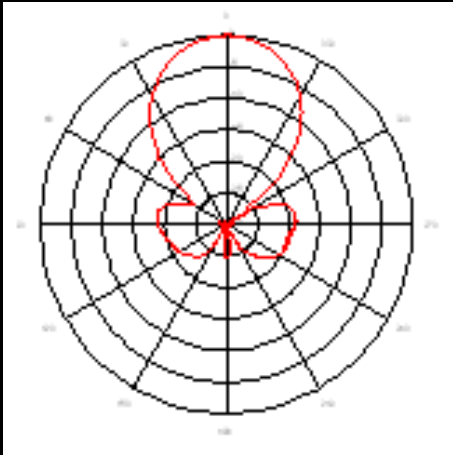
Physical/Environmental Specifications

Length x Width x Depth	15.4 x 15.4 x 1.7.in (39.1 x 39.1 x 4.3cm)
Weight	2.7 lbs (1.2kg)
Backplane	Aluminum
Enclosure	Powder-coated die-cast aluminum, gray
Radome	UV stabilized ABS plastic, gray

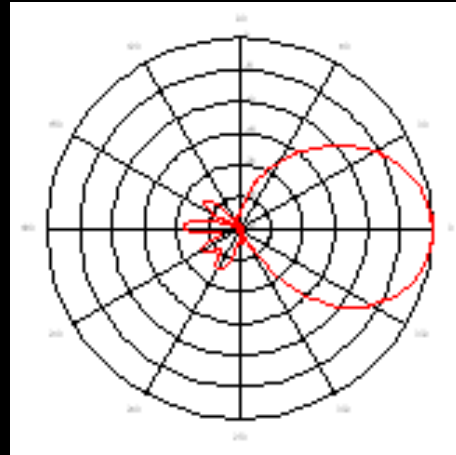
Wind Survivability	125mph (201kph)
Wind Load	1.23ft ² (0.12m ²)
Operating Temperature	-49°F to 149°F (-45°C to 65°C)
Pole Mount Diameter	0.75in to 3.0in (1.9cm to 7.6cm)

Antenna Patterns

RF Patterns
Vertical Cut, Typ.



RF Patterns
Horizontal Cut, Typ.



Shipping Information

Size	19 x 16 x 16in (48.3 x 40.6 x 40.6cm)
Weight	33 lbs (14.97kg)
Description	Packaging includes 10 antennas in an over pack box

*These reflect standard box sizes for palletized shipments. Over pack boxes will be required for air and ground shipments.

Ordering Information

Part Number	ARC-IA0913B02
Description	Panel, 900 MHz, 12.5dBi, Single Pol, R/A SMA Jack, ARC IES™ Enclosure Mount