

ARC-PA5820B01

Standalone Panel Antenna
5.15-5.875 GHz 20dBi



- High performance, cost effective patented circuit design
- US Engineered
- Low profile and rugged design for outdoor use with UV stabilized plastic
- Articulating wall/pole bracket (BRA-A-1699-02) included
- Custom designs available
- Manufactured under strict US quality control procedures

Electrical Specifications

Frequency Range	5.15-5.875GHz
Gain (Typ)	20dBi
Polarization	Single Linear – Vertical or Horizontal
3dB Beamwidth Vertical/ Horizontal	14 degrees/ 11 degrees
VSWR	≤1.5:1 typ, ≤1.7:1 max

Front-to-Back Ratio	>35 dBi
Cross Polarization	>30 dBi
Power Rating	6 watts
Impedance	50 ohms
Lightning Protection	DC Ground
Connector Type	Integral Type N Jack

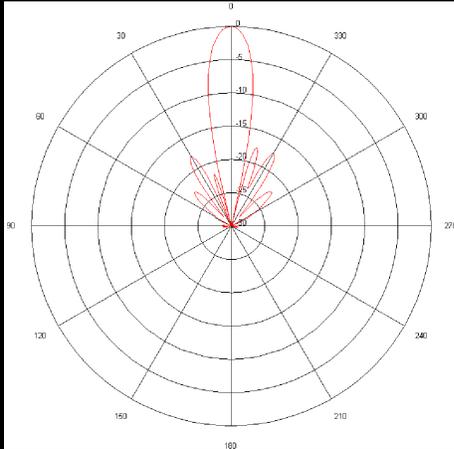
Physical/Environmental Specifications

Length x Width x Depth	10.4 x 10.4 x .49in (26.4 x 26.4 x 1.2cm)
Weight	1.3 lbs (0.59 kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray

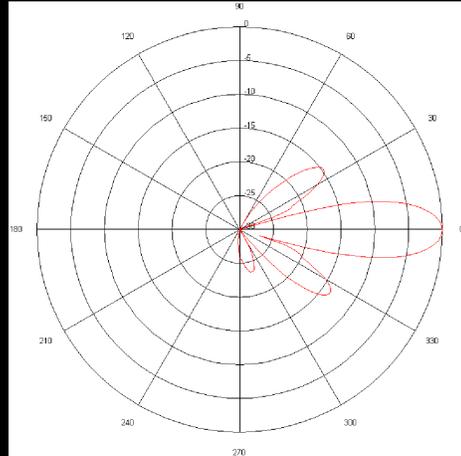
Wind Survivability	125mph (201kph)
Wind Load	0.75ft ² (0.069m ²)
Operating Temperature	-49°F to 149°F (-45°C to 65°C)
Pole Mount Diameter Range	0.75in to 2.0in (1.9cm to 5.1cm)

Antenna Patterns

RF Patterns
Vertical Cut, Typ.



RF Patterns
Horizontal Cut, Typ.



Shipping Information

Size	14.9x 11 x 14.2in (38 x 28 x 36cm)
Weight	29 lbs (13.2 kg)
Description	Packaging includes 10 antennas in an over pack box with brackets

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

Ordering Information

Part Number	ARC-PA5820B01
Description	Standalone Panel, 5.15-5.875 GHz, 20dBi, Type N Jack, W/ Bracket