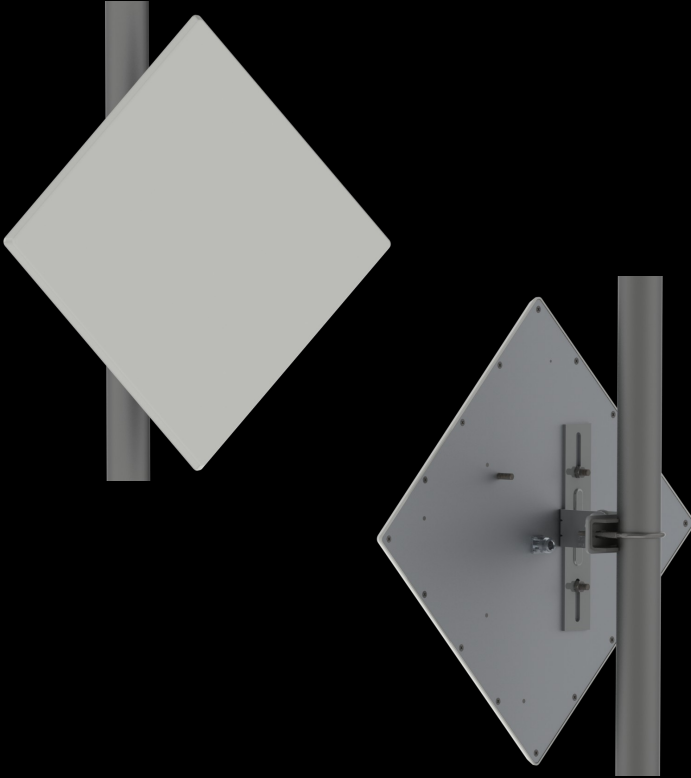




ARC-PA5823B01

Standalone Panel Antenna

4.94-5.875 GHz 19dBi & 5.15-5.875 GHz 23dBi



- Broadband design covers entire 5GHz frequency band, plus also operates in the 4.9GHz public safety band
- High performance, cost effective patented circuit design
- US Engineered
- Manufactured under strict US quality control procedures
- Low profile and rugged design for outdoor use with UV stabilized plastic
- Articulating wall/pole bracket (BRA-A-1699-02) included
- Custom designs available

Electrical Specifications

Frequency Range	4.94-4.99GHz, 5.15-5.875 GHz
Gain (Typ)	19dBi/23dBi
Polarization	Single Linear – Vertical and Horizontal
3dB Beamwidth Vertical/ Horizontal	10 degrees/ 10 degrees
VSWR	≤1.5:1 typ, ≤1.7:1 max

Front-to-Back Ratio	>40 dBi
Cross Polarization	>30 dBi
Power Rating	30 watts
Impedance	50 ohms
Lightning Protection	DC Ground
Connector Type	Integral Type N Jack

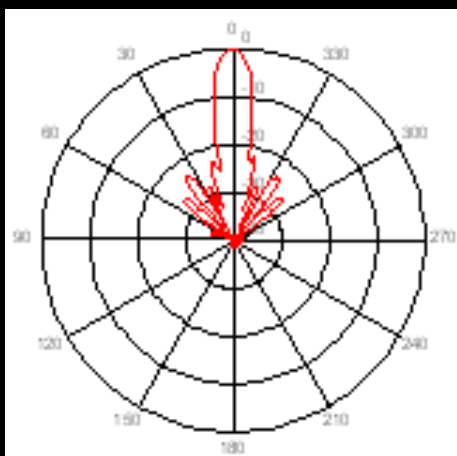
Physical/Environmental Specifications

Length x Width x Depth	13.3 x 13.3 x 1.7in (33.8 x 33.8 x 4.3cm)
Weight	1.70 lbs (0.8kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray

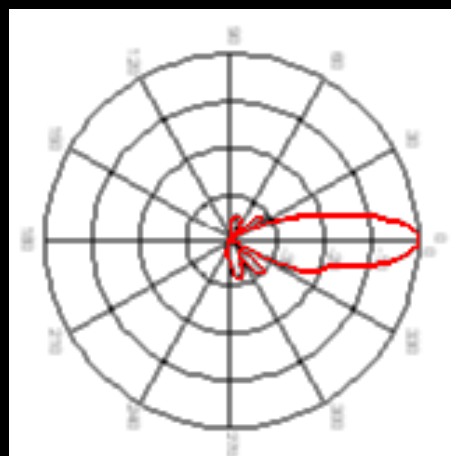
Wind Survivability	125mph (201kph)
Wind Load	1.23ft ² (0.12m ²)
Operating Temperature	-49°F to 149°F (-45°C to 65°C)
Pole Mount Diameter	0.75in to 2.0in (1.9cm to 5.1cm)

Antenna Patterns

RF Patterns
Vertical Cut, Typ.



RF Patterns
Horizontal Cut, Typ.



Shipping Information

Size	14 x 14 x 16in (35.6 x 35.6 x 40.6cm)
Weight	40 lbs (18.14kg)
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-PA5823B01
Description	Standalone Panel, 4.94/5.875 GHz, 19/23dBi, Type N Jack, W/ Bracket