

Standalone Panel Antenna 4.94-4.99GHz 19dBi & 5.15-5.875GHz 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, rugged design for outdoor use with UV stabilized plastic

ARC-PA5823B01

Electrical Specifications	
Frequency Range	4.94-4.99GHz/5.15-5.875GHz
Gain	19dBi/23dBi
3dB Beamwidth Vertical/Horizontal	10deg/10deg
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1 typ., ≤1.7:1 max.
Front-to-Back Ratio	>40 dB
Cross Polarization	>30 dB
Power Rating	30 watts
Impedance	50 ohms
Lightning Protection	DC ground
Connector Type	Integral type N jack

Ordering Information	
Part #	Description
ARC-PA5823B01	4.94/5.875GHz 19/23dBi Standalone Panel, Type N Jack

Shipping Information	
Sizes and Weights	Description
13.5in x 13.5in x 16.8in (34.3cm x 34.3cm x 42.7cm)	Packaging includes 10 units in a single over pack box.
23lb (10.4kg)	Brackets shipped separately.

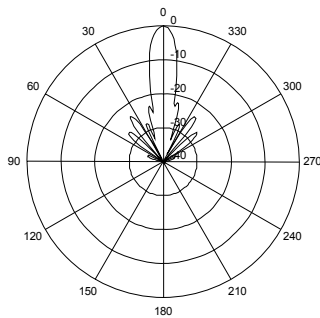
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Mechanical and Environmental Specifications	
Length x Width x Depth	13.3in x 13.3in x 1.7in (33.8cm x 33.8cm x 4.3cm)
Weight	1.70lb (0.8kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic
Wind Survivability	125mph (201kph)
Wind Load	1.23ft ² (0.12m ²)
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 2.0in (1.9cm to 5.1cm)

RF Patterns
Vertical Cut, typ.



RF Patterns
Horizontal Cut, typ.

