

Standalone Panel Antenna

4.94-5.875GHz 24/23dBi Dual Polarization

Part Number: ARC-PD5823B88



- ◆ Packaged with ARC ABS™ Articulating Bracket Solution
- ◆ External Radio Mounting Features Included
- ◆ High Port to Port Isolation for Ideal MIMO Performance
- ◆ US Engineered
- ◆ Manufactured under strict US quality control procedures
- ◆ Low profile and rugged design for outdoor use

Mechanical and Environmental Specifications	
Length x Width x Depth	15.2in x 15.2in x 2.0in (38.6cm x 38.6cm x 5.1cm)
Weight	4.1lbs (1.86kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	1.6ft ² (0.148m 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)
Environmental	IP 67
Connector (2)	Type-N Jack

Shipping Information	
Sizes and Weights	Description
16x11.4x22in (40.6x28.9x55.9cm) 33 LBS (15 kg)	Bulk Pack, includes 5 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.	

Electrical Specifications	
Frequency Range	4.94—5.875 GHz
Gain	24dBi Vertical 23dBi Horizontal
Polarization	Dual Linear—Vertical and Horizontal
3dB Beamwidth Vertical/Horizontal	8 degrees/8 degrees
ETSI	ETSI 2, 3, and 5
VSWR 4.94-4.99GHz 5.15-5.875GHz	≤1.5:1 typ., ≤2.0:1 max ≤1.5:1 typ., ≤1.7:1 max.
Port to Port Isolation	40dB (minimum)
Front-to-Back Ratio	>40 dBi
Cross Polarization	>30 dBi
Sidelobe Level	>12 dBi
Power Rating	30 watts
Impedance	50 ohms
Lightning Protection	DC ground

Ordering Information	
Part #	Description
ARC-PD5823B88	5.8GHz 24/23dBi Dual Pol, Type-N Jack

Vertical Polarization

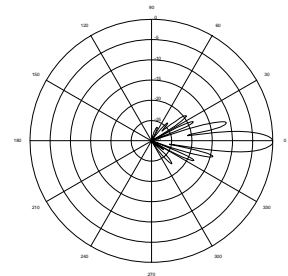
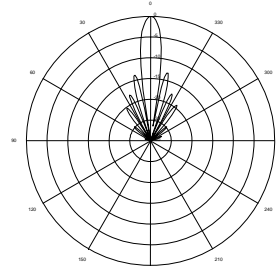
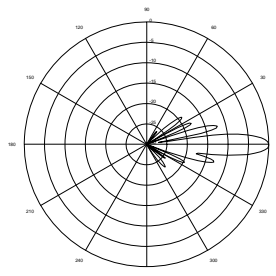
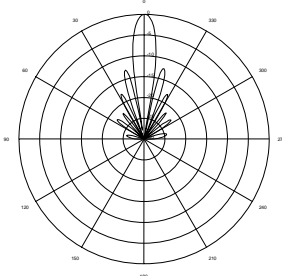
Horizontal Polarization

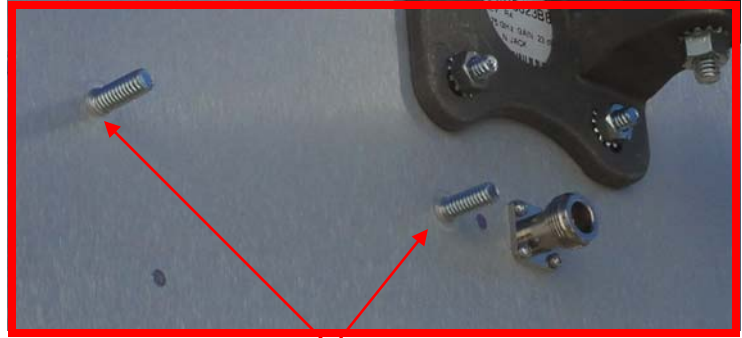
RF Patterns
Vertical Cut, typ.

RF Patterns
Horizontal Cut, typ.

RF Patterns
Vertical Cut, typ.

RF Patterns
Horizontal Cut, typ.





External Studs located on the back of the antenna allow for mounting of many outdoor rated electronics including the Ubiquiti Rocket.

