

# Parity® Panel Antenna

## 902-928 MHz 10 dBi



- ◆ High gain, low cost, patented circuit design.
- ◆ Low profile and rugged design for outdoor use.
- ◆ Excellent external antenna solution for Motorola's 900MHz Canopy™ broadband wireless platform.
- ◆ Articulating wall and pole mount included (P/N BRA-A-1699-01).
- ◆ We can design and manufacture custom radome shapes to help you differentiate your 900MHz solution!
- ◆ Want to integrate this antenna with your enclosure? We can provide a custom backplane design for direct integration with your electronics enclosure for a low total cost CPE solution.

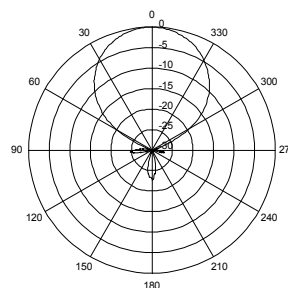
Mechanical and Environmental Specifications	
Length x Width x Depth	13.3in x 13.3in x 1.7in (338mm x 338mm x 43mm)
Weight	1.70lb (0.8kg)
Backplane	Aluminum
Radome	UV stabilized ABS plastic
Wind Survivability	125mph (201kph)
Wind Load	1.23ft <sup>2</sup> (0.12m <sup>2</sup> )
Operating Temperature Range	-49°F to +149°F (-45°C to +65°C)
Pole Mount Diameter Range	0.75in to 1.75in (19mm to 44mm)

Electrical Specifications	
Frequency Range	902-928MHz
Gain	10dBi
3dB Beamwidth Vertical/Horizontal	57deg/50deg
Polarization	Single linear, horizontal or vertical
VSWR	≤1.5:1
Front-to-Back Ratio	>25 dB
Cross Polarization	>15 dB
Power Rating	30 watts
Impedance	50 ohms
Lighting Protection	DC ground
Connector Type	Integral type N jack

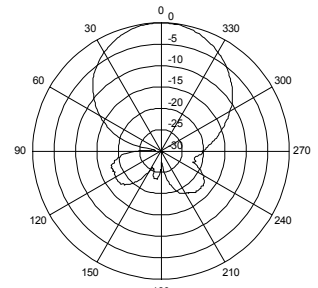
Ordering Information	
Part #	Description
ANT-A-1714-01	900MHz 10dBi Parity Panel, Type N Jack

Shipping Information	
Sizes and Weights	Description
25in x 16in x 14.5in (635mm x 406mm x 368mm)	Packaging includes 10 units in a single over pack box
22lb, (10kg)	NOTE: brackets ship separately

RF Patterns  
Vertical Cut, typ.



RF Patterns  
Horizontal Cut, typ.



[www.antennas.com](http://www.antennas.com)

Don't see what you need? Contact us to discuss alternate configurations

Specifications subject to change without notice