










## CBRS and Lower C-Band Panel Antenna

Airgain's CBRS and Lower C-Band Panel Antennas (CPA) is an outdoor antenna, designed specifically to provide high performance connectivity for 2x2 MIMO point-to-point or point-to-multipoint applications. Equipped with two ports, this antenna connects to almost any branch router or modem. Delivering powerful MIMO technology, this antenna offers two high-gain CBRS and Lower C-Band antennas that operate in the 3300 to 3800 MHz band. The small panel limits the wireless infrastructure footprint and provides high-gain for stable point-to-point links. Each antenna features a heavy-duty, UV-resistant radome and mounting brackets for all weather operation.

### FEATURES

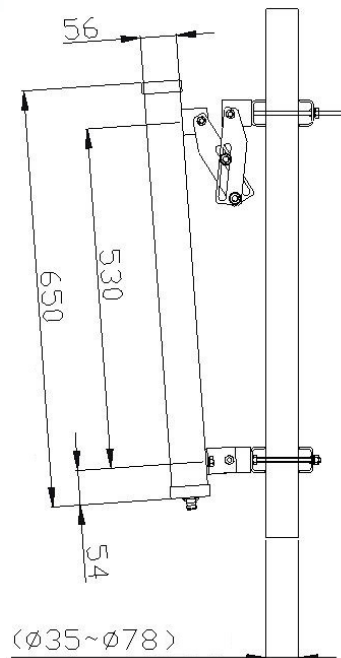
-  2x2 MIMO
-  N-female connectors
-  UV-resistant
-  Built to withstand windspeeds up to 130 mph

### ADVANTAGES

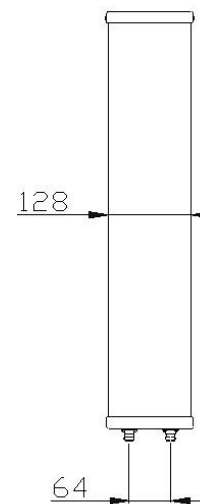
-  Citizens Broadband Radio Service (CBRS and Lower C-Band Panel Antenna applications)
-  Fixed wireless services, small cell, private network
-  IoT connectivity for enterprises and managed service providers

### DIMENSIONS (in mm)

Side View on Pole Mount



Front View



### PART NUMBER(S)

AP-PANEL-CBRS-NF-GR

MIMO LTE (3300 to 3800 MHz) x 2, N-female connectors x 2, Gray

## TECHNICAL SPECIFICATIONS

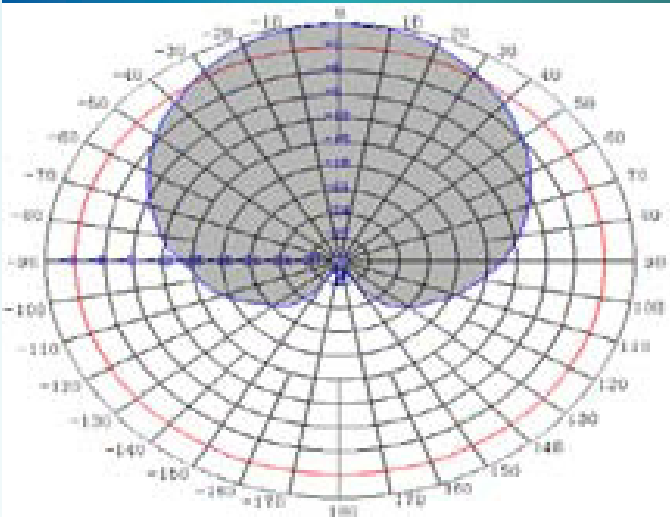
### ELECTRICAL

Frequency Range	3300-3800 MHz
VSWR	≤1.5
Impedance	50Ω
Gain (dBi)	16.5
Polarization	±45
H plan beam width	90°±6
V plan beam width	7.5° +/- 2
Front-to-back ratio	>23 dB
Isolation	>28 dB
X-polar level	>12 dB
Max input power (W)	100 W
Lightning protection	DC ground

### MECHANICAL

Dimensions	650mmx128mmx56mm REF
Weight (g)	3.5Kg REF
Rated wind velocity (m/s)	60
Connector	2*N-Female
Connector position	Bottom
Waterproof level	IP45
Radome material	UPVC
Clip yards in diameter	35-90mm
Operating temperature	-35~+65°C
RoHS	Accord with RoHS

## H-Plane



## E-Plane

