

- PIM Rated Dual Band Omni-Directional
- Pultruded Fiberglass Radome
- Two 700/850 MHz and Two AWS Band Antennas

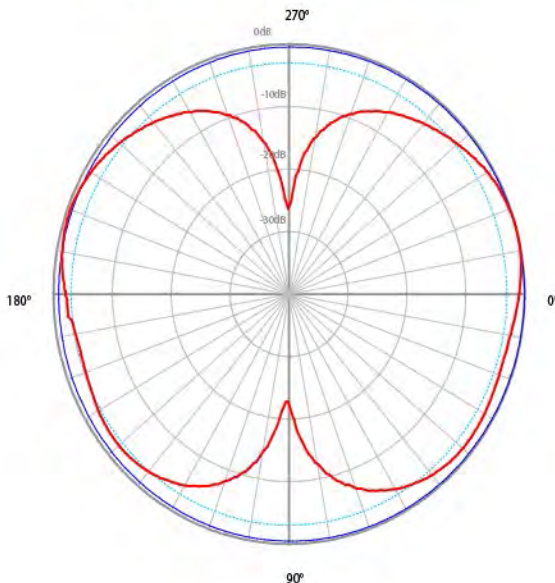
## Electrical Specs

Frequency Range	698-806 / 1710-2155 / 698-896 / 1710-2155 MHz
VSWR	2.0:1 VSWR Max
Forward Gain	2 dBi for 698 – 896 MHz / 2 dBi for AWS / PCS Bands
Isolation	> 12 dB for 698 to 896 MHz / > 25 dB for AWS / PCS Bands
Max Power Input	200 Watts
Vertical -3dB Beamwidth	75° / 75° / 75° / 75° (+ / - 1°)
Horizontal -3dB Beamwidth	360° +/- 5°
Azimuth Ripple	+/- .5 dB
Passive Intermod (PIM)	<-150 dBc

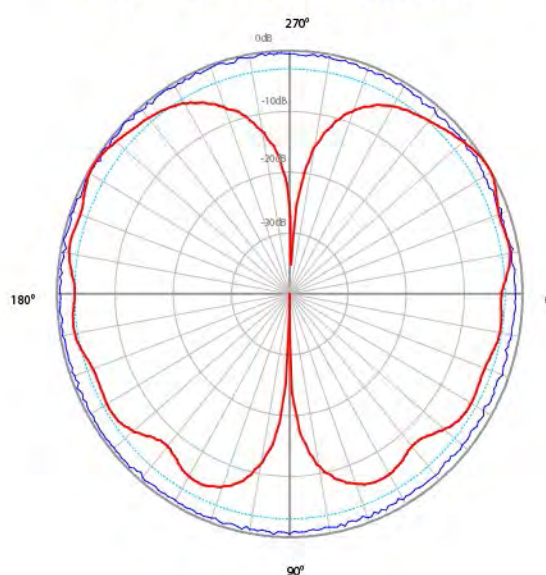
## Mechanical & Environmental Specs

Connector Type	DIN 7/16 x 4 each (Two short neck / Two long neck)
Mounting	Mounts on top of street light
Dimensions	60"x 2.0" O.D. / < 10 lbs
Color	White Standard (Color Options Available)

### 698 - 896 MHz Patterns



### 1710 - 2155 MHz Patterns



## Antenna Design Features

Top and bottom Low Band elements for 700 LTE

Top and bottom High Band elements for AWS LTE

Two Wideband Antennas for 700/850 MHz / AWS Band

DIN 7/16 connectors used for PIM

Staggered short and long neck height connectors used for easier cable termination

Antenna painted to match the lamp post color

**AWS/PCS BAND - 2 dBi**

**700/850 MHz - 2 dBi**

**AWS/PCS BAND - 2 dBi**

**700/850 MHz - 2 dBi**

60" TOTAL

PRELIMINARY

