

Wide Band Omni Ultra Slim Ceiling Antenna

SKU: SP-ULSC-55W

Features

The SurePower 5.5 dBi wide band omni-directional ultra slim ceiling server antenna provides top performance for all boosters and wireless modems.

- Wide band 350 - 6000 MHz frequencies
- 2.8 dBi - 5.5 dBi gain
- 50 Ohm N - Female connector
- Covers 3G, 4G LTE, 5G, WiMax, WiFi, Public Safety, and LMR
- Includes ceiling nut mount hardware & screws



Specifications

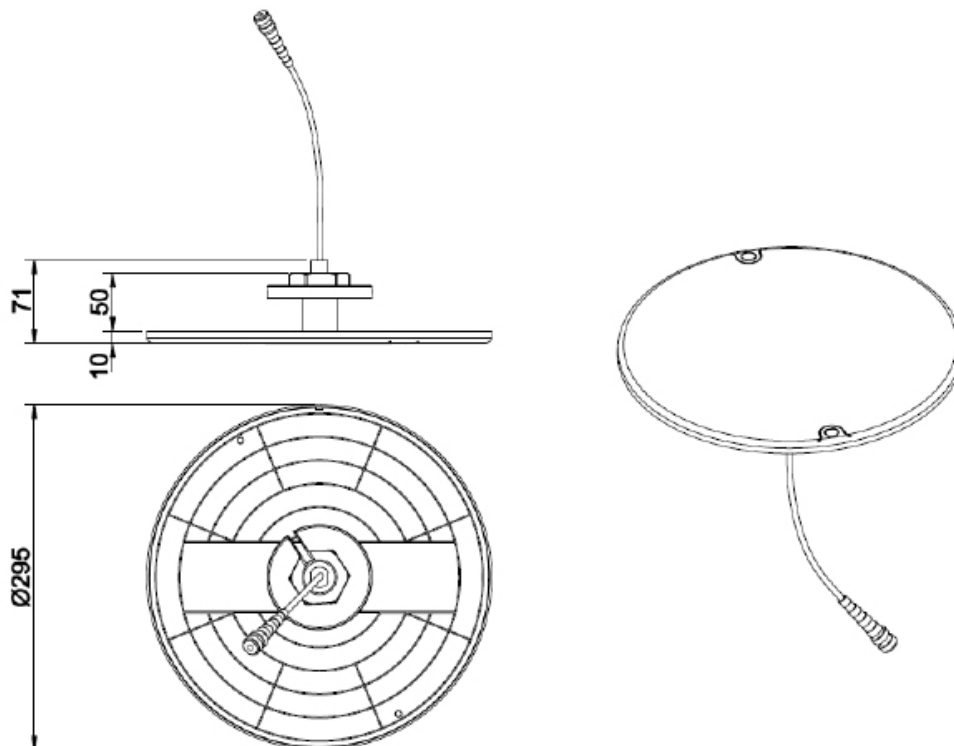
ELECTRICAL

Frequency Range (MHz)	350 - 380	380 - 520	600 - 698	698 - 960	806 - 960	1350 - 1550	1690 - 2170	2300 - 2700	3300 - 4200	4900 - 6000
Gain (dBi)	2.8	3.8	4.0	4.3	4.4	5.1	5.1	5.5	5.0	4.5
VSWR	≤ 2.5	≤ 2.5	≤ 2.0	≤ 2.0	≤ 2.0	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8
PIM, 3rd Order, 2 x 20W, dBc	≤ - 150									
Polarization	Horizontal									
Max. Input Power (W)	50									
Horizontal Beamwidth (°)	360									
Input Impedance (Ω)	50									

MECHANICAL

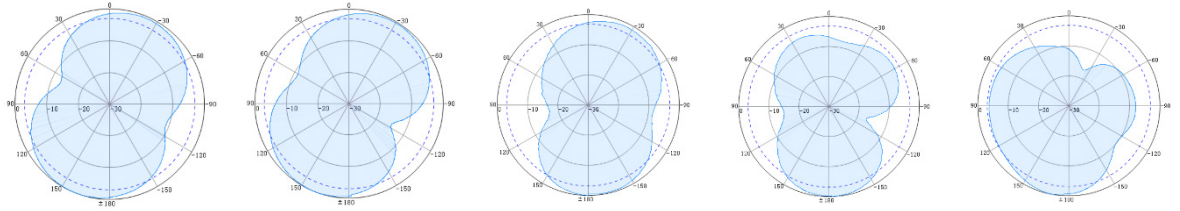
Connector	N Female
Dimensions (mm)	Ø295 x 10
Weight (kg)	~ 0.5
Color	White
Reflector Material	RF - PCB
Radome Material	ABS (UV Stablized), White, RAL 9003
Operating Temperature (°C)	- 40 to +65

MECHANICAL DRAWING

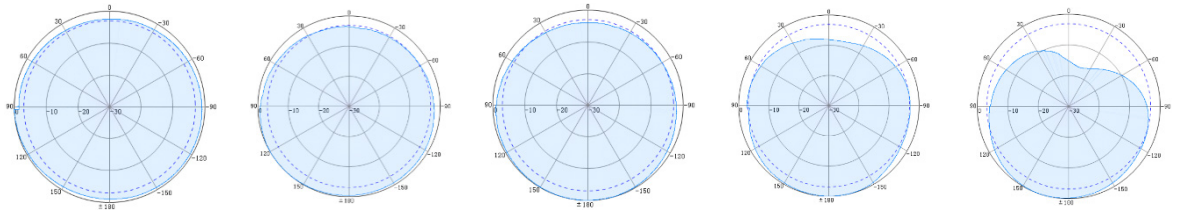


RADIATION PATTERN

Horizontal



Vertical



380 MHz

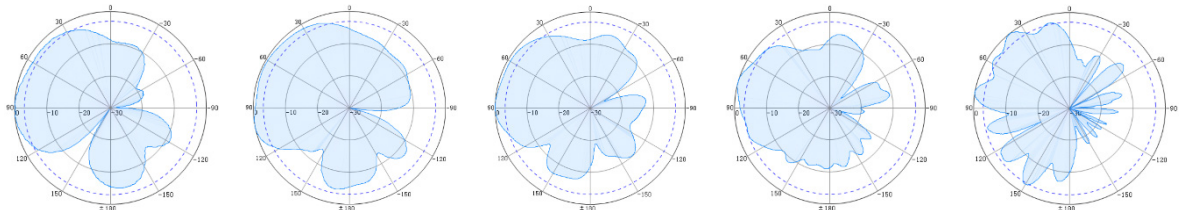
430 MHz

600 MHz

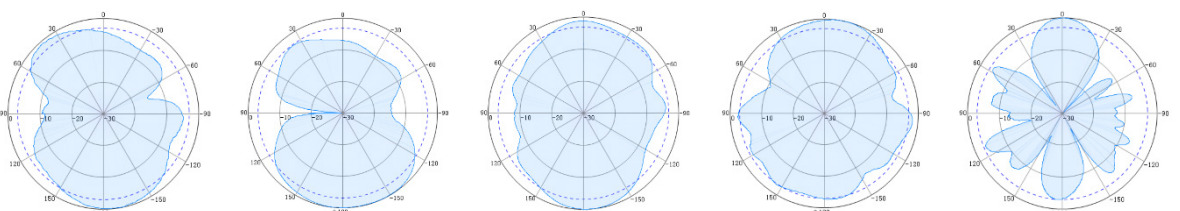
806 MHz

960 MHz

Horizontal



Vertical



1710 MHz

2170 MHz

2500

3300

6000 MHz