

High Gain Directional LTE/CBRS Antenna 698-2700/3300-4200 MHz, 2x2 MIMO



- ❖ High Gain Directional Antenna supporting 698-2700 & 3300-4200 MHz.
- ❖ Suitable for indoor/outdoor networks operating in the LTE, GSM, CDMA, PCS, 3G and 4G frequency ranges.
- ❖ Ideal for outdoor voice and data deployments in remote, rural, industrial, and donor antenna deployments.
- ❖ Rugged construction provides protection from sun, wind, rain, snow, and dust.

Connector Option	Product SKU	Ventev Part #
N Female	240174	M3070090D21206
4.3-10 Female	230065	M3070090D21249

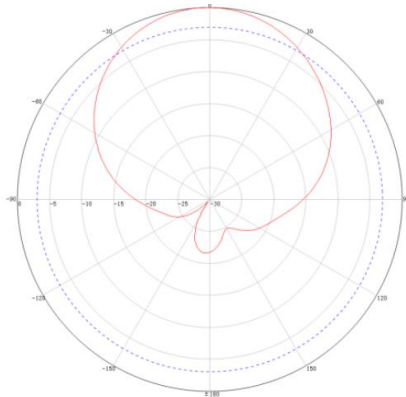
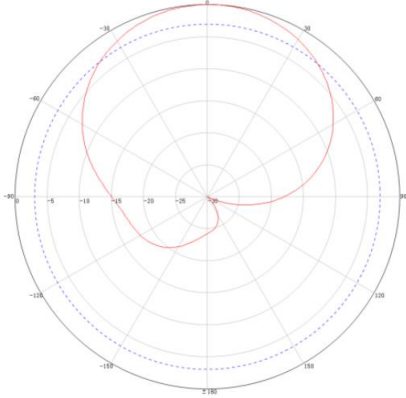
Electrical Specifications			
Frequency Bands, MHz	698–960	1710–2700	3300-4200
Polarization		±45°	
Azimuth (HBW)	70°	65°	60°
Elevation (VBW)	65°	60°	55°
VSWR	≤2.0	≤2.0	≤2.0
Gain, dBi	7	7.5	8
Front-to-Back Ratio, dB	≥15	≥15	≥20
PIM, IM3, 2x20W (43dBm), dBc	-153	-153	-
Max Input Power per Port, watts		50	
Impedance, ohm		50	
Mechanical Specifications			
Product Dims	12.6 x 8.3 x 3 in (323 x 205 x 70 mm)		
Input Connector & Pigtail	2x N-type or 4.3-10 Female, 12" leads RG141		
Radome	White, UV Resistant ABS		
Mounting & Bracket	Mast/Pole (1.5" - 2.0" OD); Bracket and hardware included Appropriate Wall hardware supplied by customer		
Wind Survival	134 mph		
Operating Temperature	-40 °F to +158 °F		
Relative Humidity	Up to 95%		
Product Weight	1.5 Kg (3.3 lb)		

Every Ventev antenna is RoHS compliant and covered by company's 2-year warranty program.

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698-960 MHz

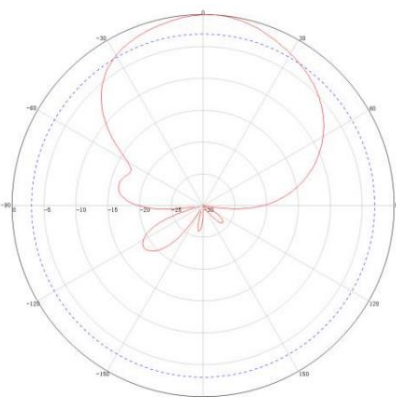
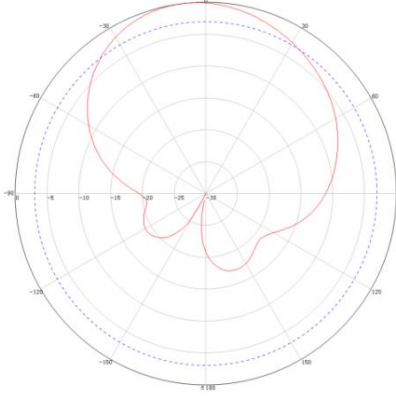
Azimuth



Elevation

1700-2700 MHz

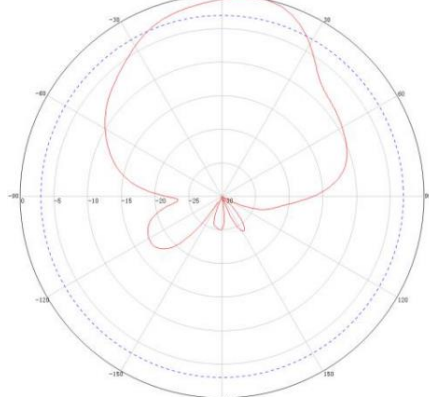
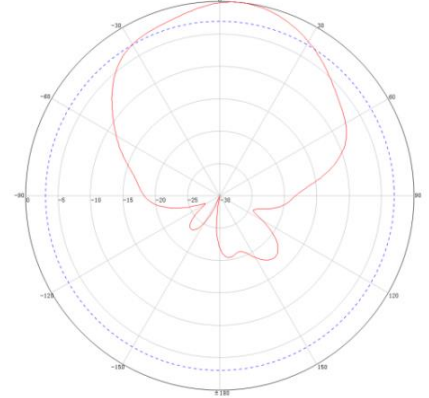
Azimuth



Elevation

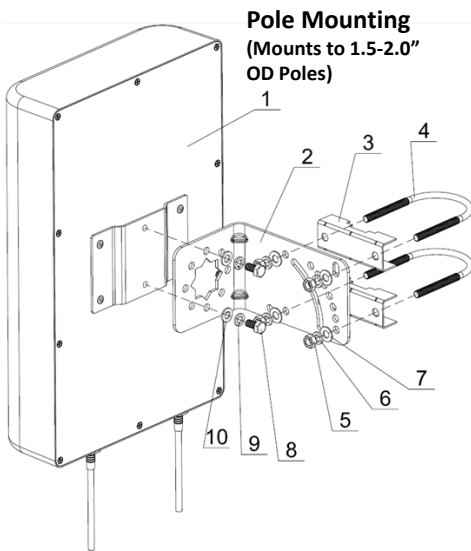
3300-4200 MHz

Azimuth

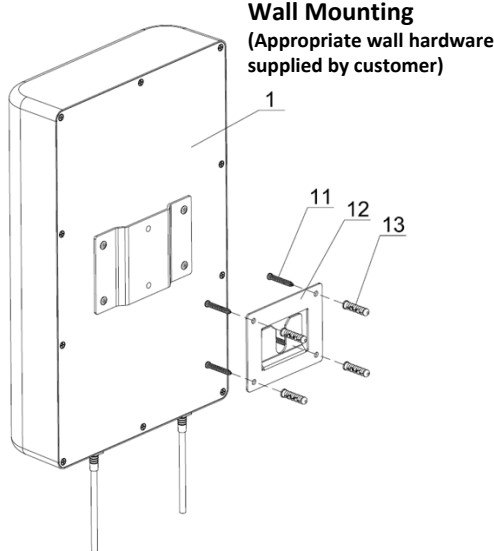


Elevation

Installation Sketch



Pole Mounting
(Mounts to 1.5-2.0" OD Poles)



Wall Mounting
(Appropriate wall hardware supplied by customer)

1	Antenna
2	L bracket (1x)
3	Mounting clamps (2x)
4	U Bolts – M6 (2x)
5	Flat washers – M6 (4x)
6	Split-lock washers – M6 (4x)
7	Hex nuts – M6 (4x)
8	Hex nuts – M6 (2x)
9	Split-lock washers – M6 (2x)
10	Flat washers – M6 (2x)
11	Wall mount screws – M4 (4x)
12	Wall mount pad
13	Plastic anchor (4x)

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