

Drive OTR Antenna

SKU: 311229

MAP: \$139.99

FEATURES

- Covers 700, 800, 1700, 1900, 2200 MHz cellular
- All modes, voice and data
- High gain signal output
- Antenna can be configured into multiple lengths from 7.5-40 in.
- Ruggedized for heavy-duty applications
- Works with standard CB antenna mounts, includes 3-way mirror rail mount
- Connects to mobile cellular boosters
- Outdoor-rated to meet US MIL 810H and NEMA IP66 standards to withstand wind, rain, dust and more
- Assembled in USA
- 2 year warranty



Kit Includes



Spring, Side Exit Adapter, Thread Lock & 3-Way Antenna Mount

Outside Antenna, 13 in. & 18 in. Mast Extension

Specifications

ELECTRICAL

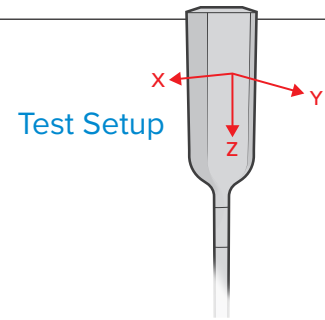
Frequency Band (MHz)	698-806	806-960	1710-1880	1850-1990	1910-2170	2300-2700
Peak Gain (dBi)	2.4	2.6	3.8	3.8	3.7	4.3
Gain (dBi), typical @ 2° Elevation	1.4	2.4	3.1	2.7	2.4	2.6
Cable loss LMR-195 30 in.	1.8	1.9	2.8	2.9	3.0	3.3
Efficiency (%)	>70%		>65%			
VSWR	<2:1		<2:1			
Polarization	Vertical					
Half-Power Azimuth Beamwidth (°)	360	360	360	360	360	360
Half-Power Elevation Beamwidth (°)	70	78	60	70	80	33
Impedance (Ω)	50					
Max Power (W)	10					

MECHANICAL

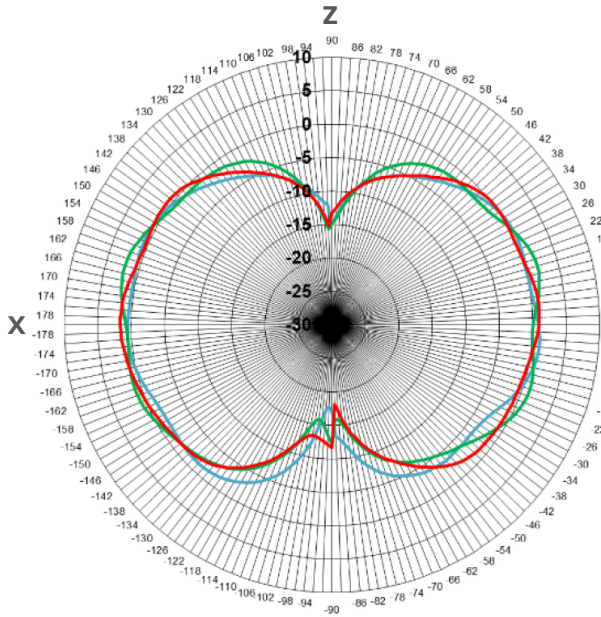
Model	311230
Connector	SMA(F)
Feed Cable Length (in / mm)	30 / 762
Dimensions (in / mm)	7.422x2.688 / 188x68
Packaged Dimensions (in / mm)	8.28x20.27x3.93 / 210x515x100
Packaged Weight (lb / kg)	3.61 / 1.6
Wind Loading Area (ft ² /m ²)	.246 ft ² / .0229m ²
Rated Wind Velocity (mph/kph)	311 mph / 500km/h
Radiator Material	Aluminum
Radome Material	Alumin Plastic Type: ASA (Acrylonitrile Styrene Acrylate)

Radiation Patterns, 700-900 MHz

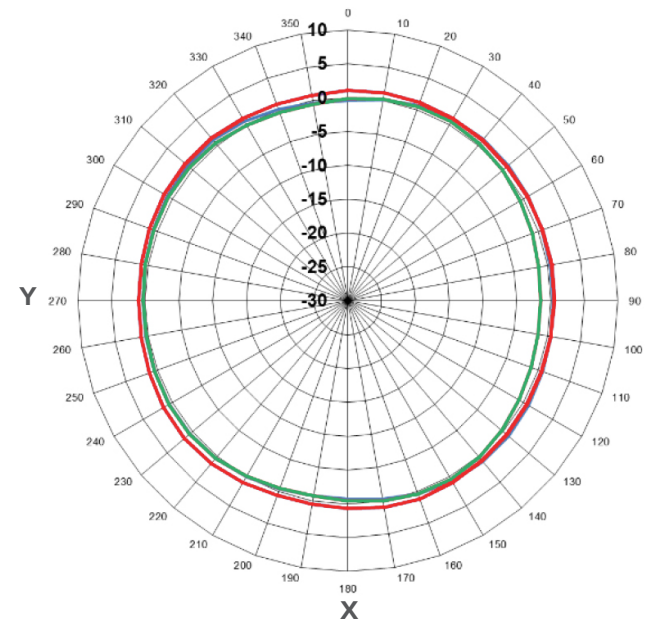
700 MHz 800 MHz 900 MHz



E Plane



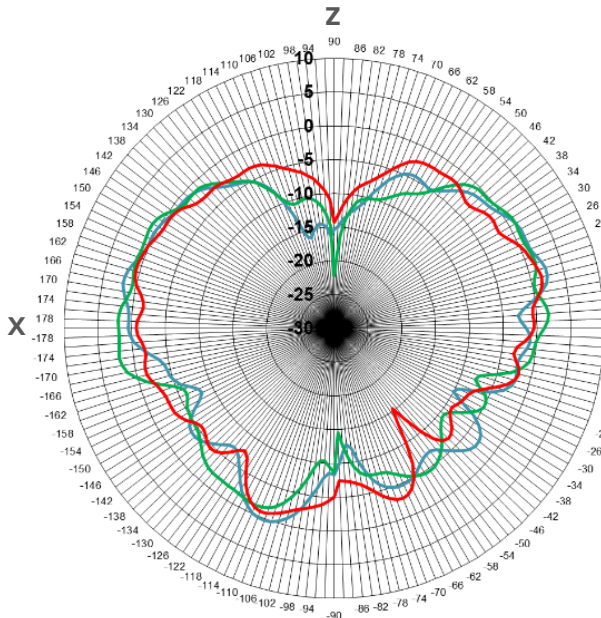
H Plane



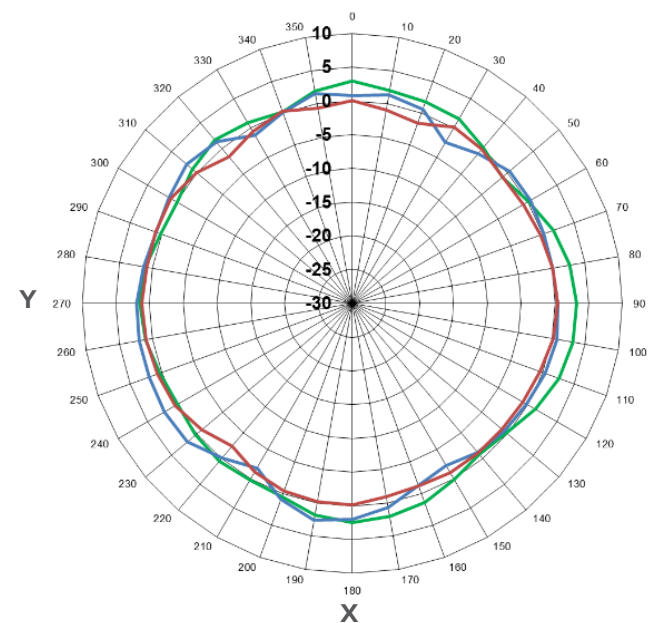
Radiation Patterns, 1700-2100 MHz

1700 MHz 1900 MHz 2100 MHz

E Plane



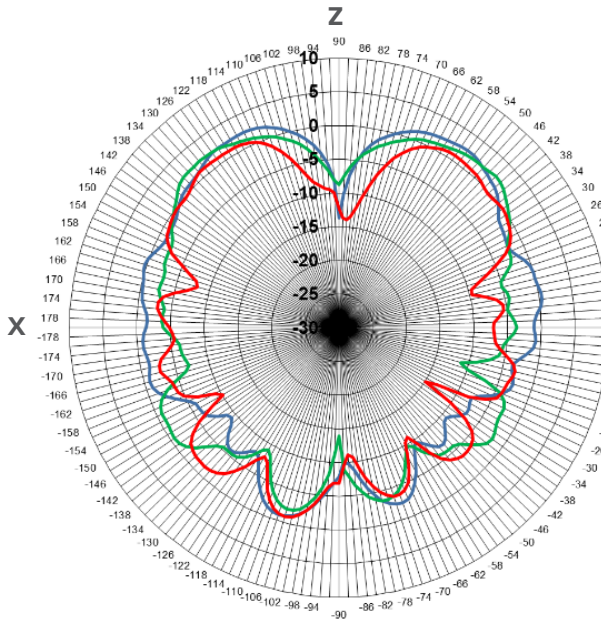
H Plane



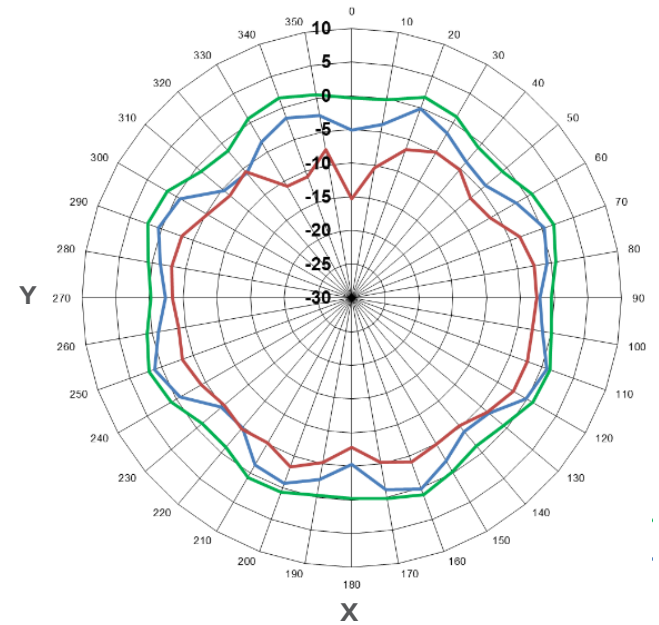
Radiation Patterns, 2300-2700 MHz

■ 2300 MHz ■ 2500 MHz ■ 2700 MHz

E Plane

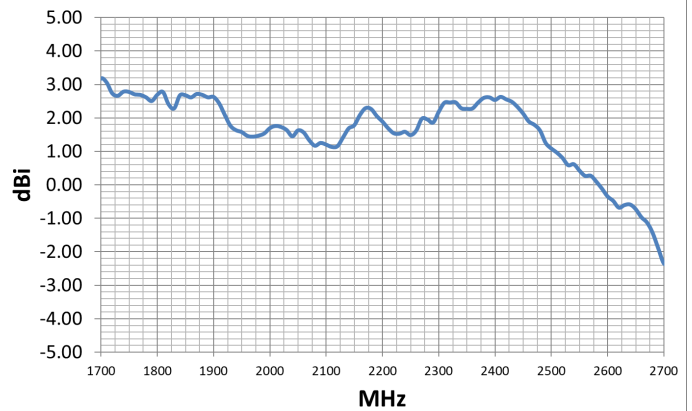
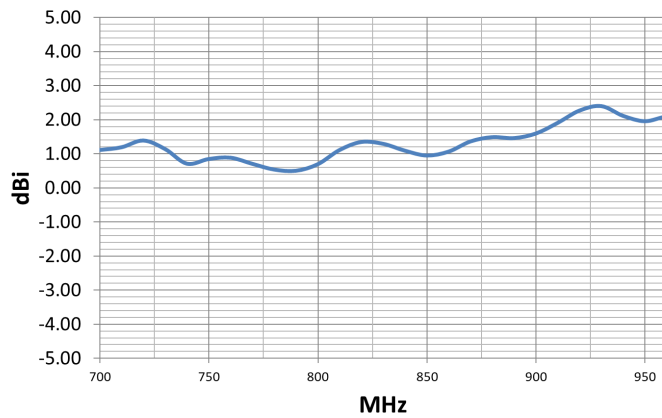


H Plane

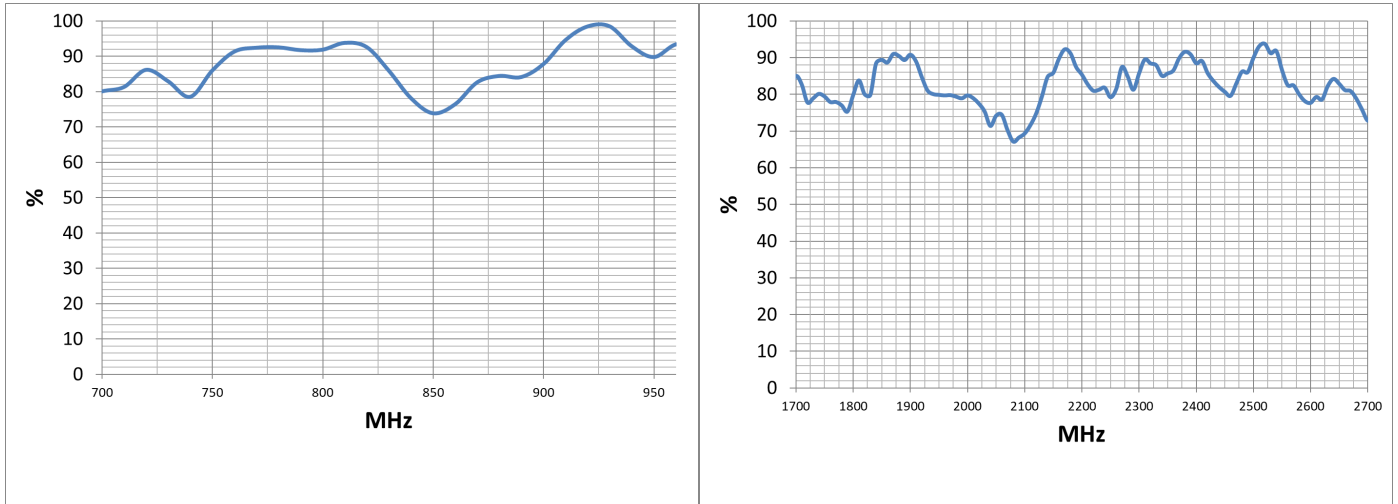


Note: Gain values at 2° elevation indicated are without cable loss. Please refer to the electrical specs chart to include cable losses.

Peak Gain (@ 2° Elevation)



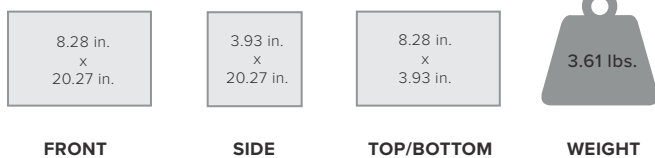
Efficiency (%)




Note: Gain values at 2° elevation indicated are without cable loss. Please refer to the electrical specs chart to include cable losses.

Package Dimensions

8.28 W x 20.27 L x 3.93 D




Support

 2 Year Warranty

Website: www.weboost.ca/support

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