

DualMini

Omni-Directional 2x2 MIMO Low Profile Antenna

Designed by WAVEFORM in the USA

SKU: ANT-2-660-UF-SM

A DualMini Antenna

B Pole Bracket & 6x Zip Ties

D 5x Velcro Ties

E 6x Wall Screws & Anchors

F 6x Thumb Screws

G 4x Suction Cups



600 to 6000 MHz



4G and 5G Support



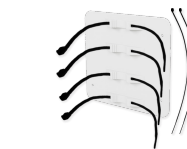
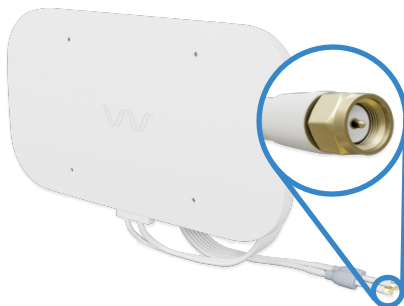
Average 5.2 dBi Gain



Indoor/Outdoor Rated



SMA-Male Connectors, with integrated weatherproofing



C Desktop Bracket



Specifications:

Electrical:

Freq. Range	600-900 MHz	1700-2700 MHz	3500-4200 MHz	5000-6000 MHz
Gain (Avg. Peak)	4.3 dBi ± 0.5 dB	4.5 dBi ± 0.3 dB	6.6 dBi ± 0.5 dB	4.9 dBi ± 0.4 dB
Azimuth Beamwidth	360 deg [Omni-Directional]			
Elevation Beamwidth	360 deg [Omni-Directional]			
VSWR	≤ 1.7	≤ 1.8	≤ 1.8	≤ 1.4
MIMO Isolation (Peak)	38.6 dB	32.6 dB	31.4 dB	27.8 dB
Efficiency (Peak)	82 %	70 %	62 %	54 %
Input Imped.	50 Ω			
Polarization	2x2 Cross-Polarized, ± 45 deg			
Antenna Type	Omni-Directional			
Power Rating	50 W (Peak)			

Mechanical (Antenna):

Antenna	Radome Color	White (RAL 9003)
	Radome Material	ASA (UV Stabilized)
	Dimensions (w x h x d)	32.6 x 18.0 x 1.5 cm (12.8 x 7.1 x 0.6 in)
Cable	Connector	SMA-Male
	Type	Ultraflex LMR195
	Jacket Color	White
	Jacket Material	TPE
	Length	1.8 m (6.0 ft)
Cable Boot	Bending Radius	50 mm (1.9 in) [Repeat] 25 mm (1.0 in) [Install]
	Material	Silicone Rubber
Net Weight	0.64 kg (1.41 lbs)	

Mechanical (Accessories):

Wall Bracket	Material	PA6+30%GF
	Dimensions (w x h x d)	17.8 x 22.4 x 10.0 cm (7.0 x 8.8 x 3.9 in)
Pole Bracket	Material	PA6+30%GF
	Dimensions (w x h x d)	17.8 x 15.0 x 2.0 cm (7.0 x 5.9 x 0.8 in)
Zip Ties	Dimensions (l x w x h)	203 x 4.3 x 1.2 mm (8.0 x 0.17 x 0.05 in)
	Material	304 Stainless Steel
Wall Screws	Dimensions	Size-#7 x 5 cm (2.0 in)
	Material	Yellow PA66
Wall Anchors	Dimensions (l x di.)	40 x Ø 6.0 mm (1.6 x Ø 0.24 in)
	Material	PVC [Suction Cup] 304 Stainless Steel [Screw]
Suction Cups	Suction Cup Dims. (h x di.)	10 x Ø 42 mm (0.4 x Ø 1.7 in)
	Screw Dims.	M4 x 8 mm
	Material	316 stainless steel
Thumb Screws	Dimensions	M4 x 8 mm
	Material	PP [Hooks], Nylon [Loops]
Velcro Ties	Dimensions	150 mm (5.9 in)

Environmental:

Protection Class	IP65
Impact Rating	IK08
Rated Wind Velocity	200 kph (125 mph)
UV Rated?	Yes
Operating Temp	-40 to +65 deg C (-40 to +150 deg F)
Lightning Protection	DC Ground



WAVEFORM

3411 W. Lake Center Drive,
Santa Ana, CA 92704

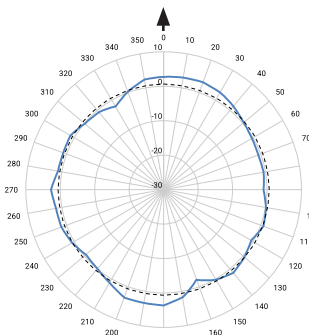
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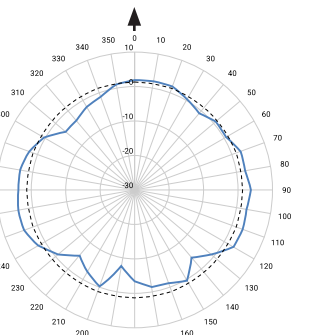
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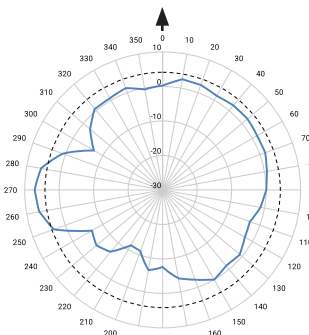
600-900 MHz



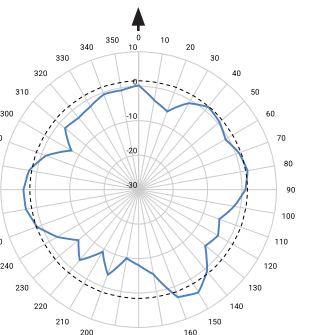
1700-2700 MHz



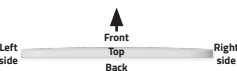
3500-4200 MHz



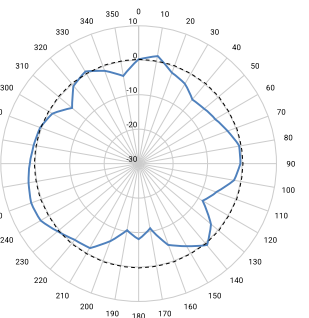
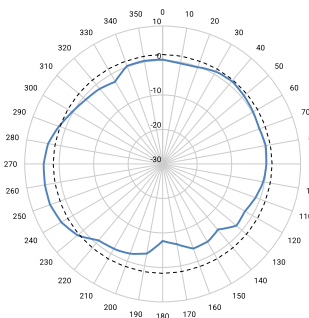
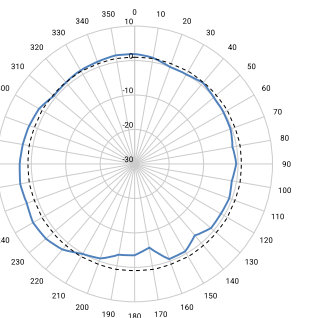
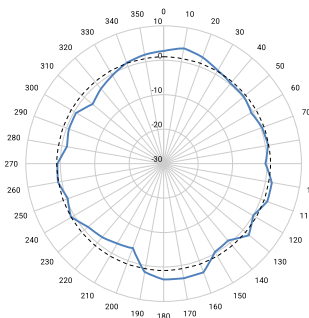
5000-6000 MHz



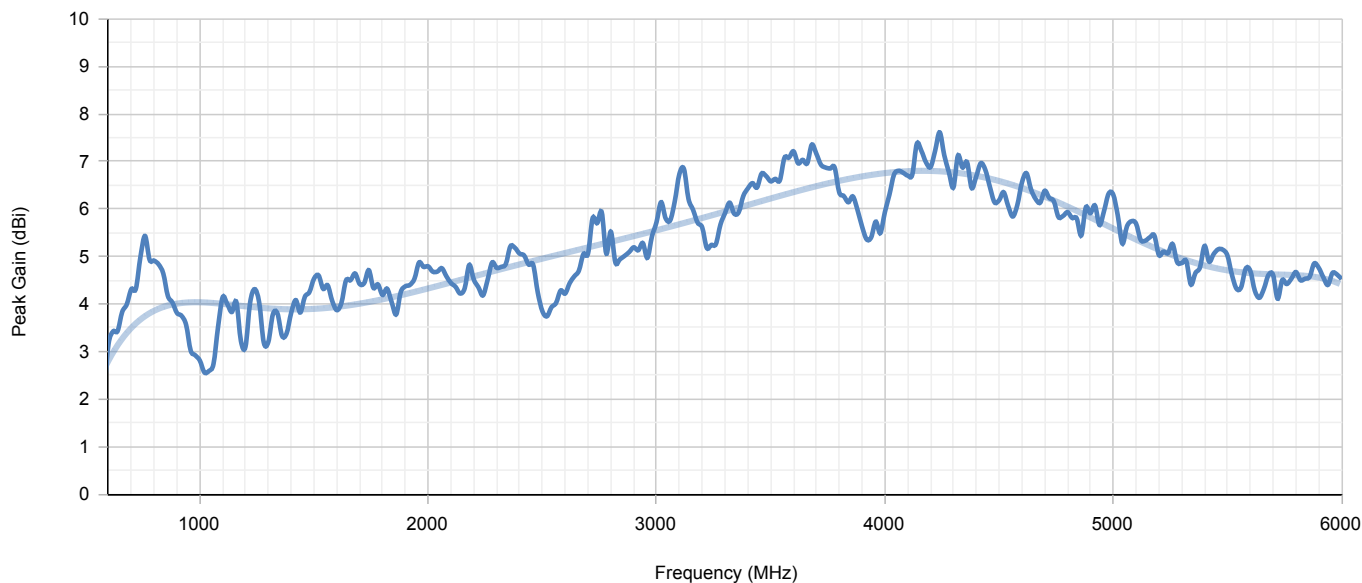
Azimuth Plane
"Top-down view"



Elevation Plane
"Side-on view"



Antenna Peak Gain (dBi) by Frequency (Mhz)



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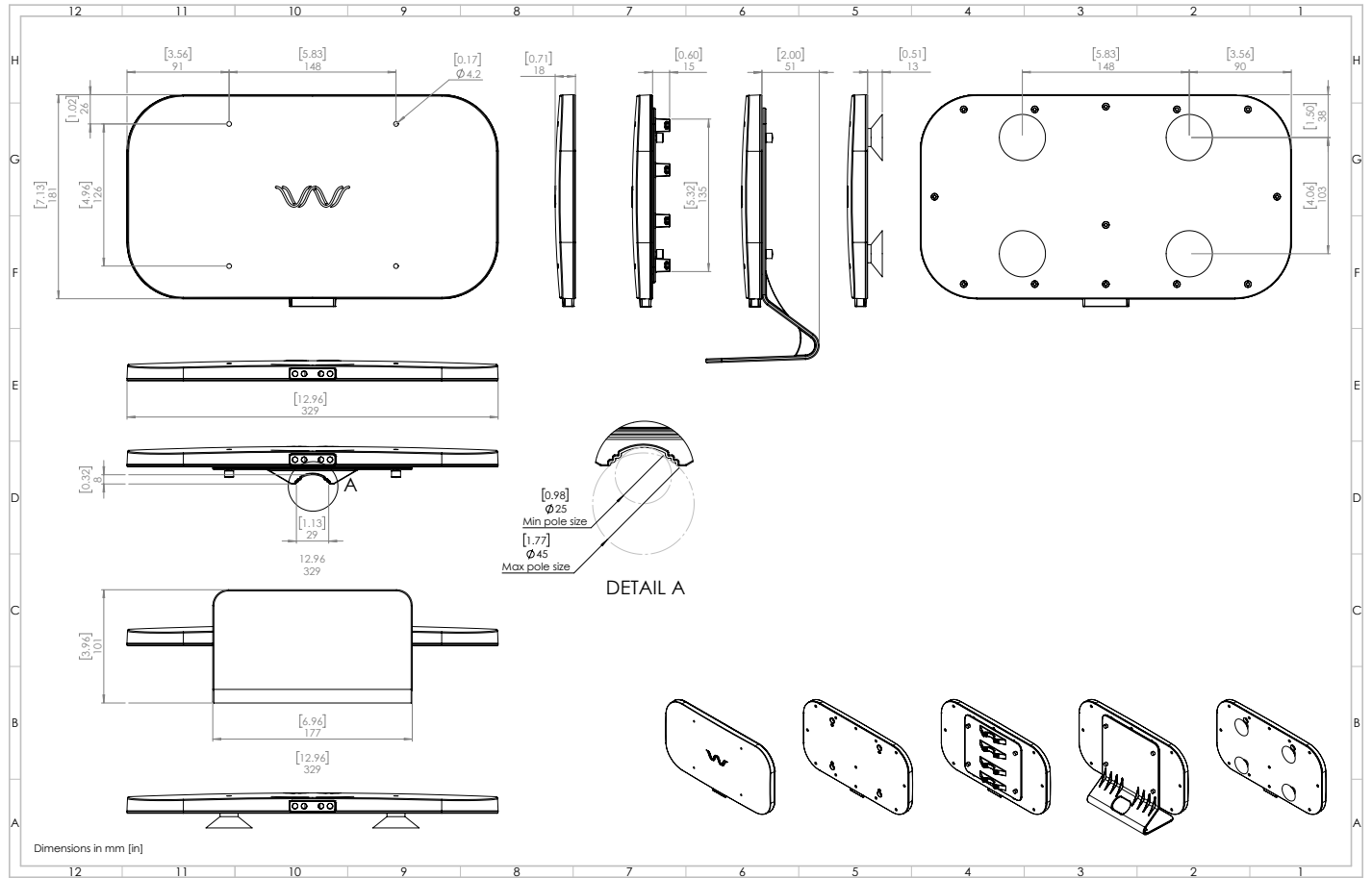
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Dimensions:



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