

4' 8-Port Outdoor Omni Whip Antenna [1695-2690 and 3300-4200 MHz]

GO5108-07717

Description:

- Omni Whip Antenna for Small Cells and C-RAN
- 4x ports for AWS/PCS/WCS/BRS Bands 1695-2690 MHz
- 4x ports for C-Band 3300-4200 MHz
- Ideal for Urban Densification



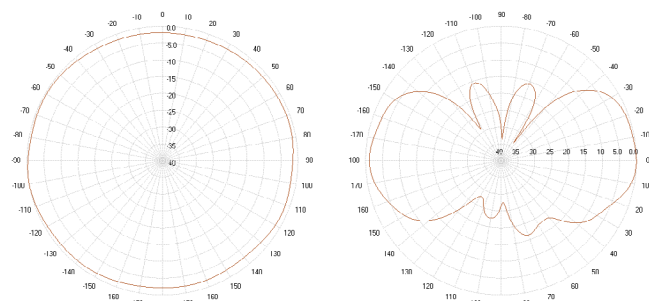
Electrical Specifications

Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200
Input Connector Type	4x 4.3/10 (F)			4x 4.3/10 (F) Pigtails		
Port Designator	P1, P2, P3, P4			P5, P6, P7, P8		
Isolation (min.)	22 dB	25 dB		20 dB		
VSWR (max.) / RL (min.)	1.5:1 / 14.0 dB					
Impedance	50 Ω					
Polarization	Vertical			Dual Slant 45° (± 45°)		
Horizontal Beamwidth (°)	Omni (360)					
Elevation Beamwidth (°)	39	30	30	35	32	27
Gain (dBi, max.)	6.6	6.2	7.0	5.7	5.7	6.2
Gain (dBi, avg.)	4.9	5.8	6.2	4.9	5.0	5.0
Downtilt	0° fixed					
Max Power / Port	80 Watts			50 Watts		
PIM @ 2x43 dBm	<-153 dBc			<-145 dBc		

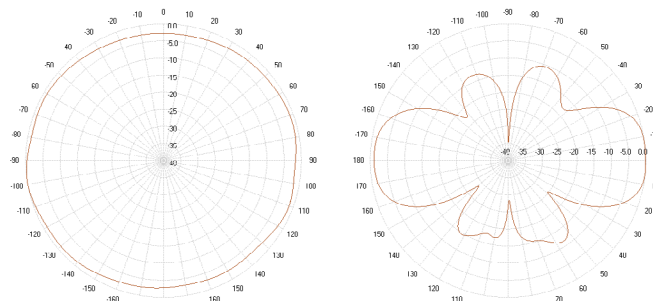
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	6.0 lbs (2.72 kg)
Antenna Diameter	2" (52 mm)
Antenna Height	51.2" (1301.4 mm)
Radome Material	Fiberglass / PC-ASA
Radome Color	Brown & Gray (Fed Std 595)
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

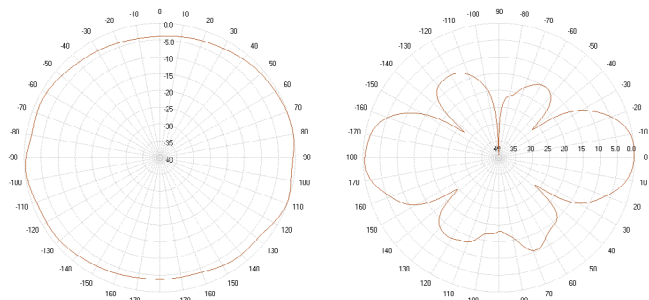
2D Antenna Patterns



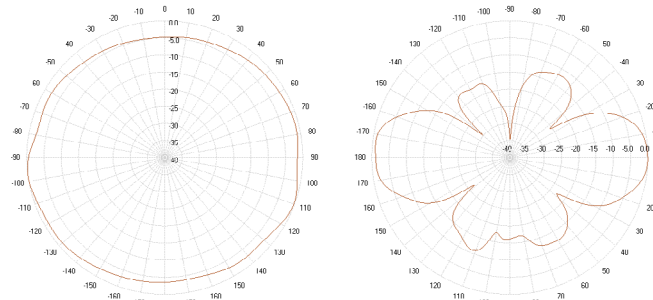
1695 MHz



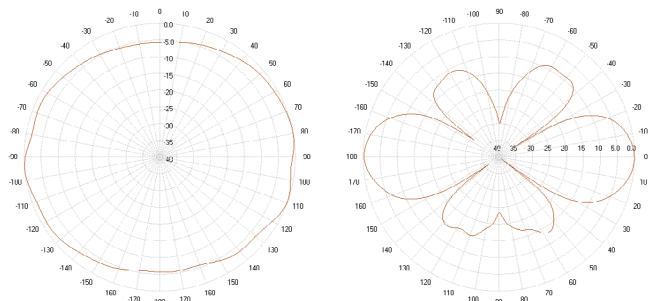
1960 MHz



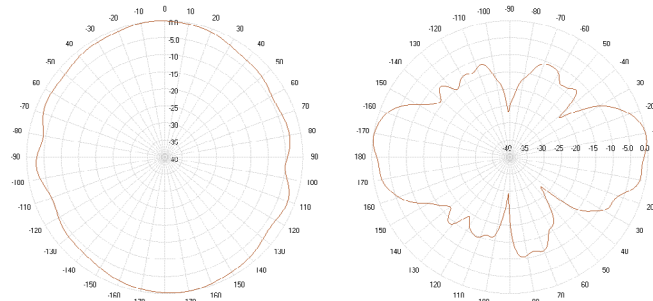
2305 MHz



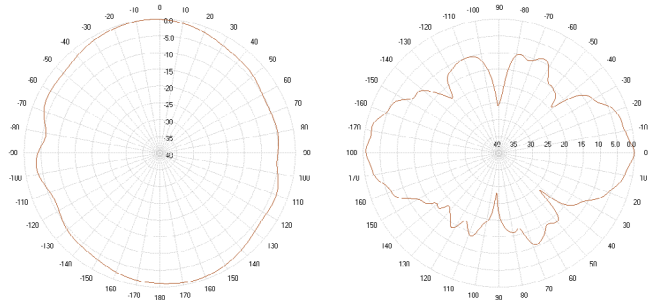
2320 MHz



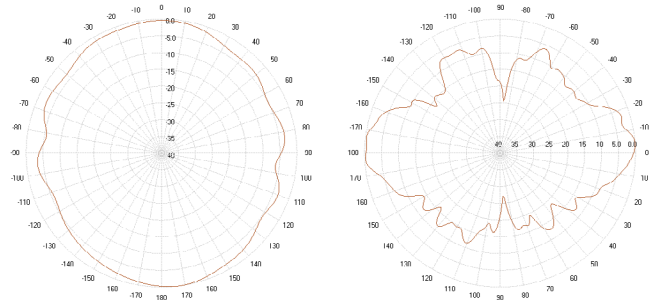
2570 MHz



3300 MHz

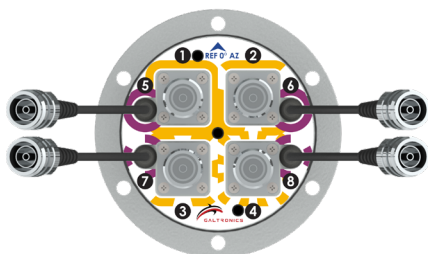


3600 MHz



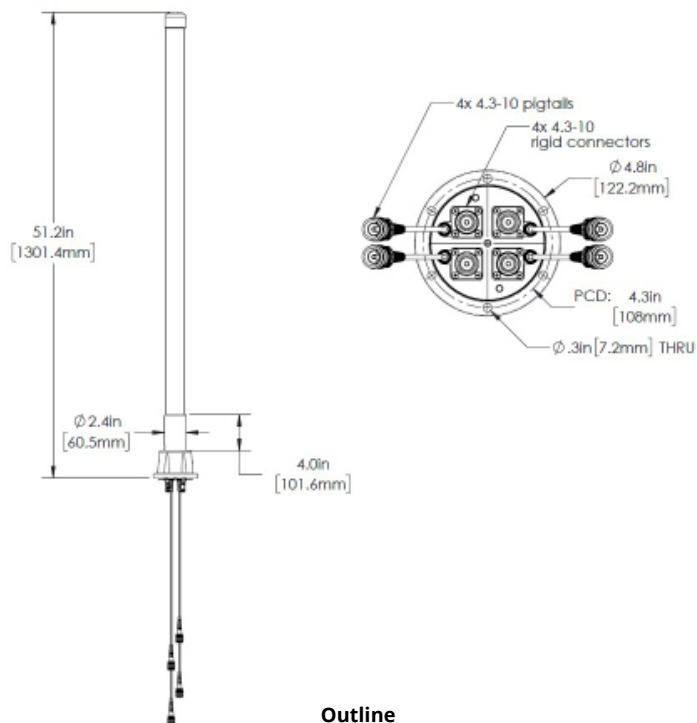
3900 MHz

Antenna Outline and Bottom View with Label



Bottom View

Mating Male Connector Torque:
4.3-10: 3.7 ft-lb (5 Nm)



Outline

Part Numbers, Ordering Options and Accessories

Description:	Connectors	Color	Included Accessories	Part Number:
8-Port Omni Whip Antenna	4x 4.3/10 (F), P1-P4 4x 4.3/10 (F) Pigtails, P5-P8	Brown (Fed Std 595, 10049)	MK-06696 Side Mount Bracket	GO5108-07717-112
		Gray (Fed Std 595, 26373)	MK-06766 Top Mount Spacer Collar	GO5108-07717-612

Mounting Kit and Part Number

Description:	Part Number:
Antenna Spacer Collar	 MK-06766 kit with Whip Antenna (Included) on GO5108-07717-612
Side Mount Bracket	 MK-06696 (Sold Separately)  MK-06696 kit w/ Whip Antenna (included) on GO5108-07717-112
Stubby Top Mount Bracket	 MK-06840 (Sold Separately)
Extended Top Mount Bracket	 MK-06841 (Sold Separately)

RFD# 7717 ; Revision: R1 ; Release Date: May 12, 2022;