

60"x2" 8-Port Outdoor Omni Whip Antenna [1695-2200 and 3550-3700 MHz]

GO6008-06904

Description:

- Omni Whip Antenna for Outdoor DAS and Small Cells
- 4x ports for AWS/PCS Band 1695-2200 MHz
- 4x ports for CBRS 3550-3700 MHz
- Top and side pole mount options

Electrical Specifications

Frequency Band [MHz]	1695-2200	3550-3700
Input Connector Type	4x 4.3-10 (F)	4x 4.3-10 (F) w/ pigtails
Isolation (min.)	25 dB	20 dB
VSWR (max.) / RL (min.)	1.5:1 / 14.0 dB	
Impedance	50 Ω	
Polarization	Vertical	Dual Slant 45° ($\pm 45^\circ$)
Horizontal Beamwidth	Omni (360°)	
Elevation Beamwidth	36.9°	24.0°
Gain (max.)	6.7 dBi	7.1 dBi
Gain (avg.)	5.7 dBi	6.1 dBi
Downtilt	0° fixed	
Max Power / Port	50 Watts	
PIM @ 2x43 dBm	<-153 dBc	N/A

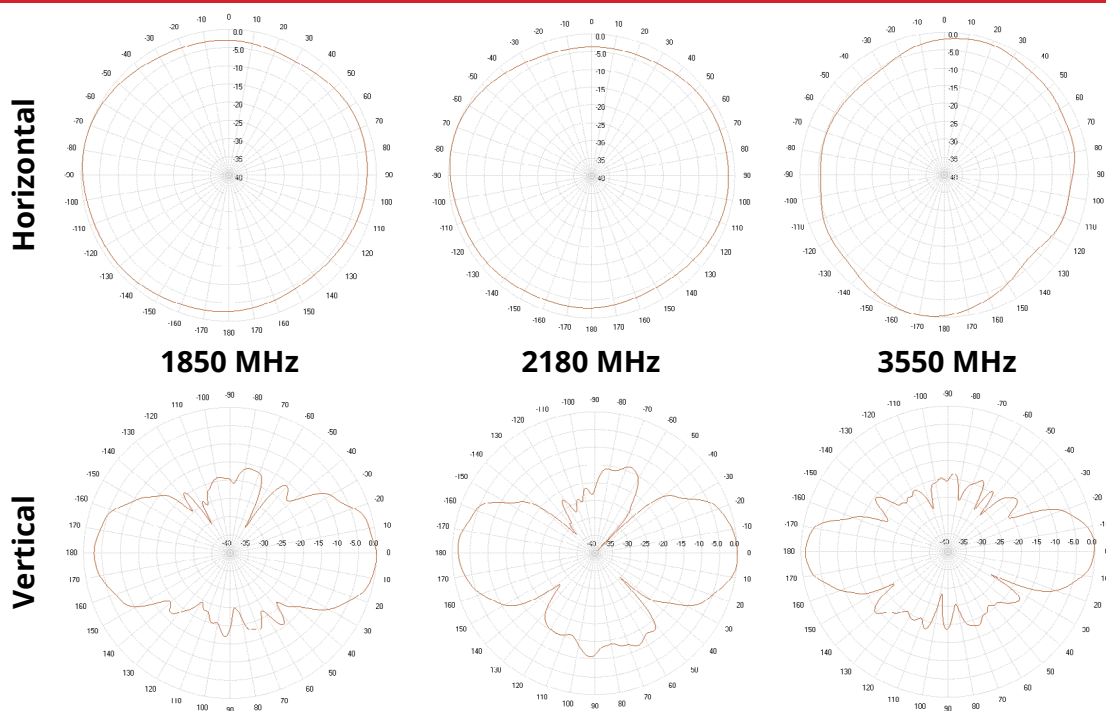
Mechanical Specifications

Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	6.7 lbs (3.04 kg)
Antenna Diameter	2" (52 mm)
Antenna Height	60" (1524 mm)
Radome Material	Fiberglass
Radome Color	Brown (Fed Std 595), Gray/Silver (Fed Std 595), Black (Fed Std 595), Green (Fed Std 595), Green (RAL 6012), Dark Green (Fed Std 595),
Ingress Protection	Outdoor
Wind Survival Rating	150 mph (241 km/h)
Connectors	8x 4.3-10 (F)

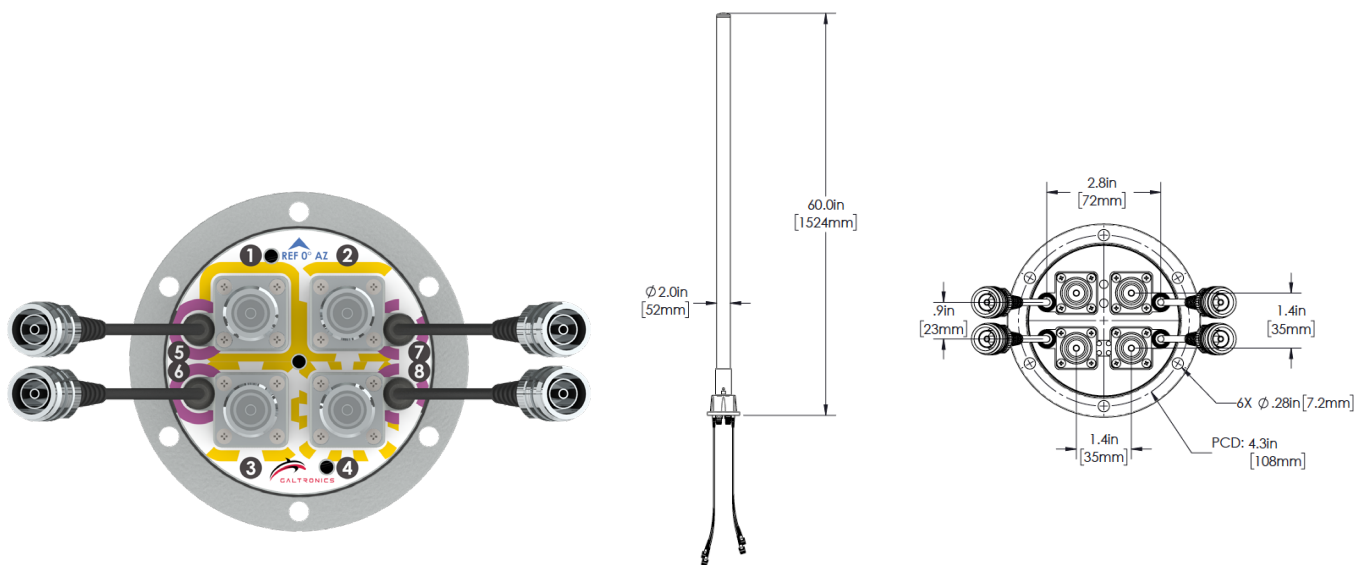


1695-2200 and 3550-3700 MHz
Outdoor Omni Whip Antenna

2D Antenna Patterns



Additional Technical Information



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

Top-Mount Bottom View

Top-Mount

Part Numbers, Ordering Options and Accessories

Description	Connectors	Mounting Accessories	Color	Part Number
8-Port Outdoor Omni Whip Antenna	4x for AWS/PCS 4x pigtails for CBRS	N/A	Brown (Fed Std 595, 10049)	GO6008-06904-111
		including MK-06696 side mount	Brown (Fed Std 595, 10049)	GO6008-06904-112
		including MK-06766 spacer collar	Gray/Silver (Fed Std 595, 26373)	GO6008-06904-612
			Black (Fed Std 595, 27038)	GO6008-06904-622
			Green (Fed Std 595, 14062)	GO6008-06904-632
			Green (RAL 6012)	GO6008-06904-642
			Dark Green (Fed Std 595, 14036)	GO6008-06904-652

Mounting Kit and Accessories Part Number

Description	Part Number	
Side Mount Bracket	 MK-06696 (Included with GO6008-06904-112)	 MK-06696 kit with Whip Antenna
Antenna spacer collar	 MK-06766	 MK-06766 kit with Whip Antenna
Stubby Top Mount Bracket	 MK-06840 (Sold Separately)	
Extended Top Mount Bracket	 MK-06841 (Sold Separately)	