

60"x2" 8-Port Outdoor Whip Antenna with 0° & 10° Fixed Tilt [617-896, 1695-2200 & 1695-2690 MHz]

GH6008-08052

Description:

- An outdoor whip antenna for DAS and Small Cells
- 2x ports omni with fixed 0° EDT for LB 617-896 MHz
- 2x ports omni with fixed 0° EDT for AWS/PCS Band 1695-2200 MHz
- 4x ports directional with fixed 10° EDT for AWS/PCS/WCS/BR5 Band 1695-2690 MHz



617-896, 1695-2200 & 1695-2690 MHz Outdoor Whip Antenna

Electrical Specifications : Omni Ports

Frequency Band [MHz]	617-698	698-806	806-896	1695-1880	1850-1990	1920-2200
Port Designator	P1~P2 (2x 4.3-10 (F))			P3~P4 (2x 4.3-10(F))		
Port to Port Isolation (dB)	13	15	20	20		
VSWR / RL (dB)	1.92:1 / 10.0			1.5:1 / 14.0		
Impedance (Ω)	50					
Polarization	Vertical					
Horizontal Beamwidth (°)	360					
Vertical Beamwidth (°)	103	107	95	63	59	52
Gain (dBi, max.)	5.7	4.8	4.3	6.0	5.2	6.2
Gain (dBi, avg.)	3.8	3.4	3.5	4.5	4.5	5.1
Downtilt (°)	0 fixed					
Max Power / Port (Watt)	50					
PIM @ 2x43 dBm (dBc)	-153					

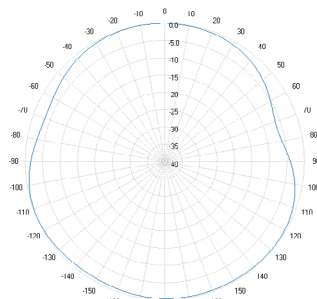
Electrical Specifications : Directional Ports

Frequency Band [MHz]	1695-1880	1850-1990	1920-2200	2305-2360	2496-2690
Port Designator	P5~P8 (4x 4.3-10(F) pigtail)				
Port to Port Isolation (dB)	20				
VSWR / RL (dB)	1.5:1 / 14.0				
Impedance (Ω)	50				
Polarization	Vertical				
Horizontal Beamwidth (°)	131	129	129	129	115
Vertical Beamwidth (°)	53	52	51	46	44
Gain (dBi, max.)	5.3	5.7	6.0	6.1	6.9
Gain (dBi, avg.)	4.6	4.9	5.1	5.5	6.1
Downtilt (°)	10 fixed				
Max Power / Port (Watt)	50				
PIM @ 2x43 dBm (dBc)	-153				

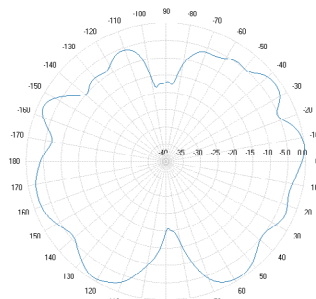
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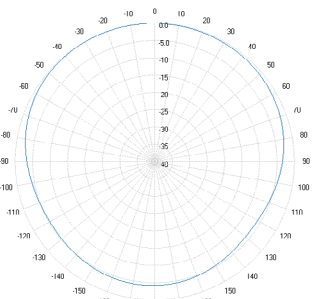
2D Antenna Patterns



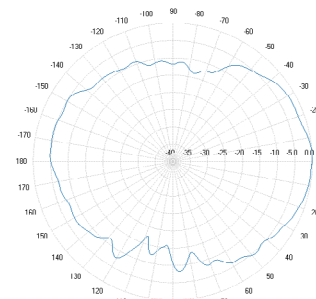
652 MHz (Omni)



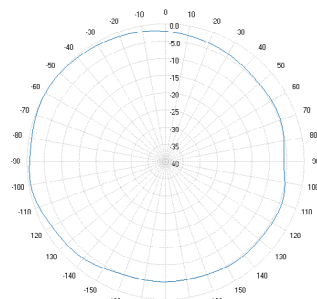
869 MHz (Omni)



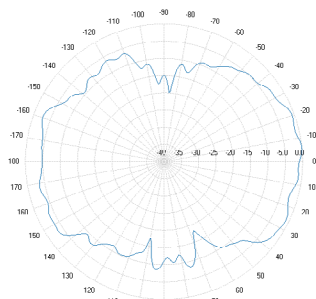
1835 MHz (Omni)



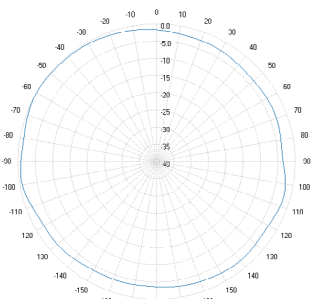
1930 MHz (Omni)



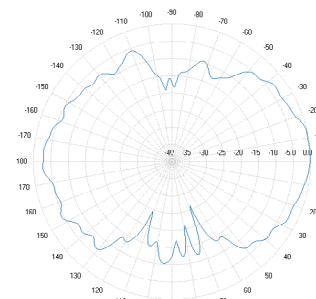
2110 MHz (Omni)



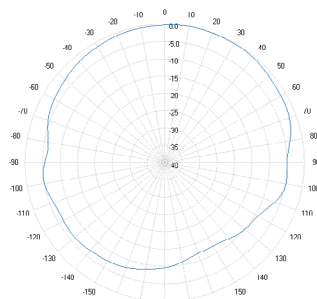
1835 MHz (Directional)



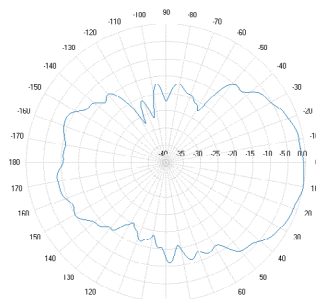
1930 MHz (Directional)



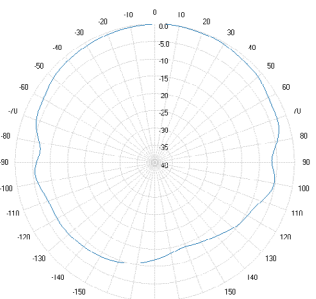
2110 MHz (Directional)



2345 MHz (Directional)



2570 MHz (Directional)

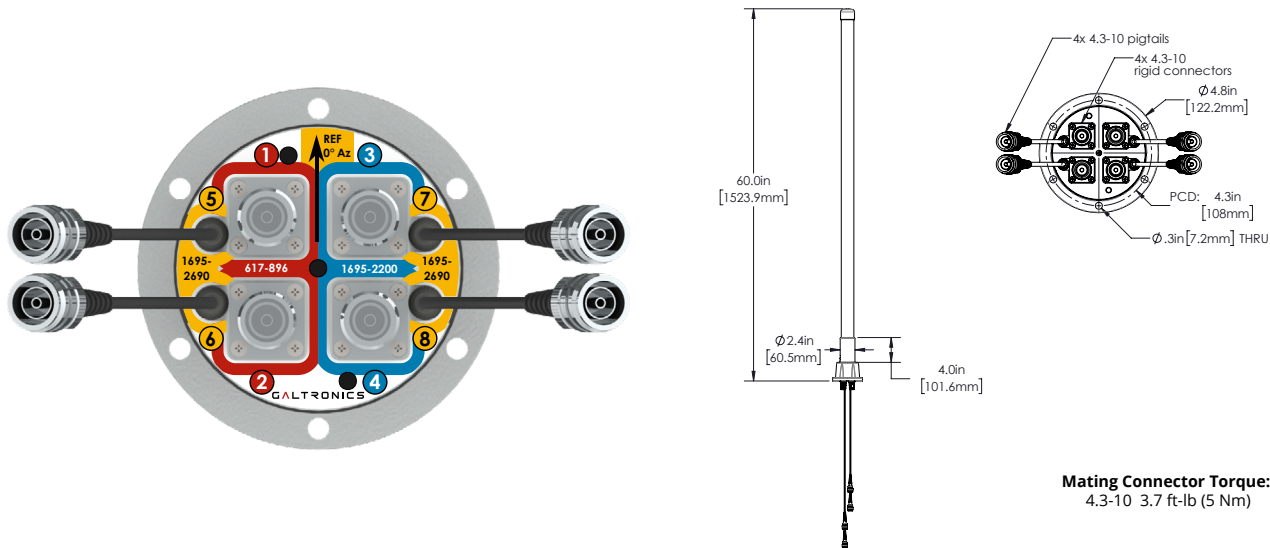


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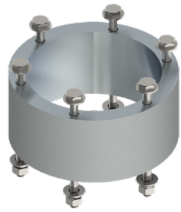
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to 70°C)
Antenna Weight	8.0 lbs (3.6 kg)
Antenna Diameter	2" (52 mm)
Antenna Height	60" (1524 mm)
Input Connector Type	8x 4.3-10 (F)
Radome Material	Fiberglass
Ingress Protection	Outdoor
Wind Survival Rating	150 mph (241 km/h)

Antenna Outline & Port Designation Details



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

Part Numbers & Ordering Options			
Description	Color	Mounting Kit	Part Number
8-Port outdoor whip antenna with 4x rigidly mounted 4.3-10(F) and 4x pigtail 4.3-10(F) connectors	Light Gray 26373 (Fed Std 595)	Includes MK-06766 Spacer Collar Light Gary 26373 (Fed Std 595)	GH6008-08052-112

Mounting Brackets and Optional Accessories	
Description:	Part Number:
Antenna Spacer Collar [Included] Note: MK-06766 can also be ordered seperately	 MK-06766
Side Mount Bracket [Optional]	 MK-06696

RFD#: 8052 ; Revision: R1 ; Release Date: February 06, 2025;