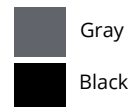


60" x 2" 10-Port Outdoor Omni Whip Antenna [1695-2690, 3300-4200 and 5150-5925 MHz]

GO6010-06906

Description:

- Omni Whip Antenna for Small Cells and C-RAN
- 4x ports for AWS/PCS Band 1695-2690 MHz
- 4x ports for CBRS Band 3300-4200 MHz
- 2x ports for LAA Band 5150-5925 MHz*
- Ideal for Urban Densification



1695-2690, 3300-4200 and 5150-5925 MHz
10-Port Outdoor Omni Whip Antenna

*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Sub-part E

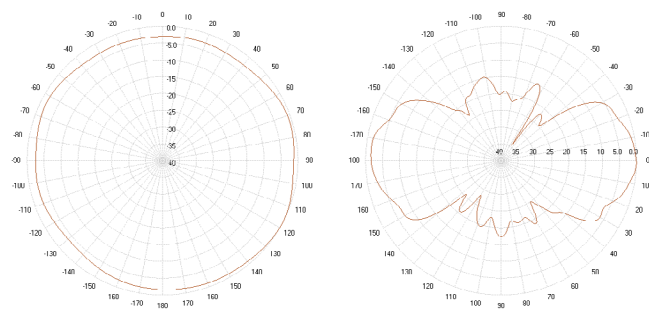
Electrical Specifications

Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200	5150-5925
Input Connector Type	4x NEX10 (F)			4x NEX10 (F)			2x NEX10 (F)
Port Designator	P1, P2, P3, P4			P5, P6, P7, P8			P9, P10
Isolation (min.)	24 dB	25 dB		20 dB			23 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	37.3°	30.4°	29.5°	35.7°	31.8°	32.9°	22.2°
Gain (max.)	6.3 dBi	6.7 dBi	7.3 dBi	6.5 dBi	6.4 dBi	6.7 dBi	4.6 dBi
Gain (avg.)	4.9 dBi	5.8 dBi	6.2 dBi	5.7 dBi	6.0 dBi	5.7 dBi	3.8 dBi
Downtilt	0° fixed						
Max Power / Port	80 Watts			50 Watts			1 Watt
PIM @ 2x43 dBm	<-153 dBc			<-145 dBc			N/A

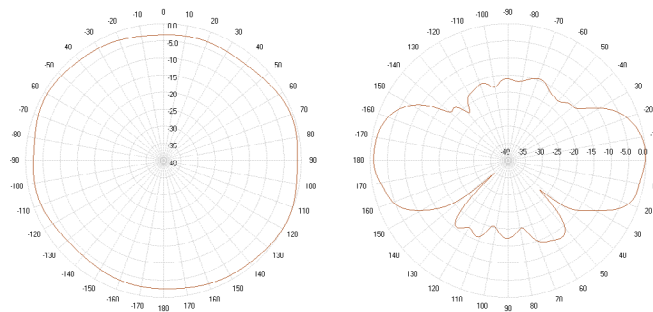
Mechanical Specifications

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)
Radome Material	Fiberglass / PC-ASA
Radome Color	Gray & Black (Fed Std 595)
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

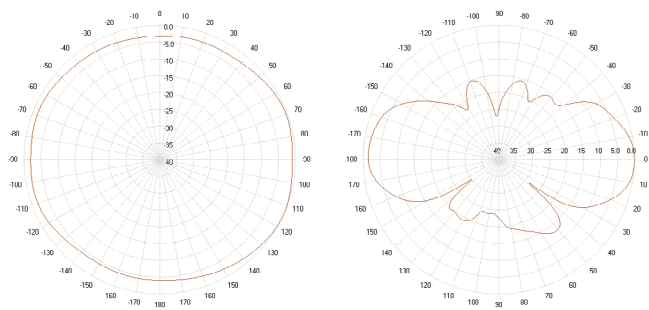
2D Antenna Patterns



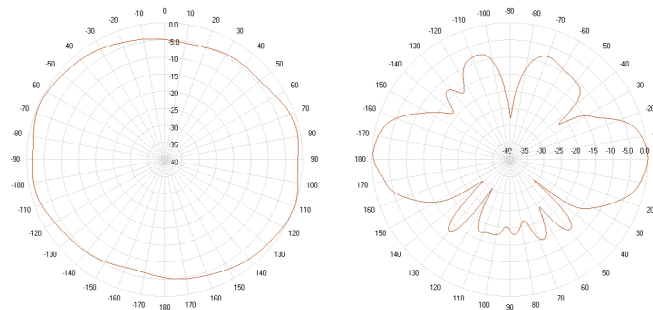
1755 MHz



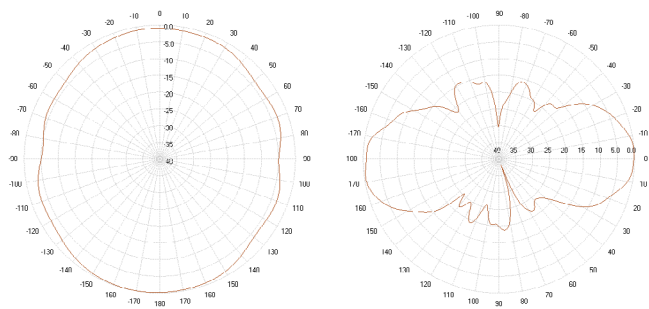
1950 MHz



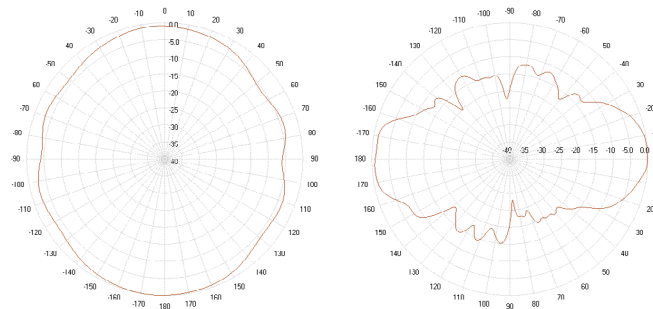
2155 MHz



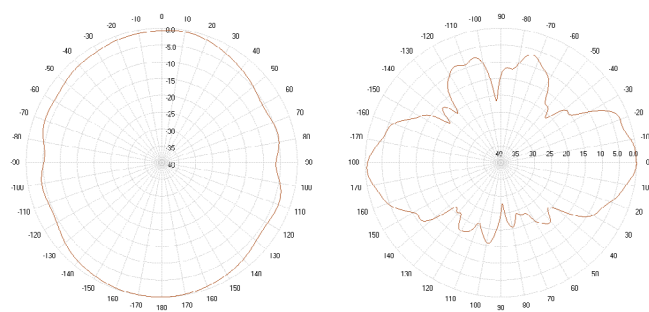
2500 MHz



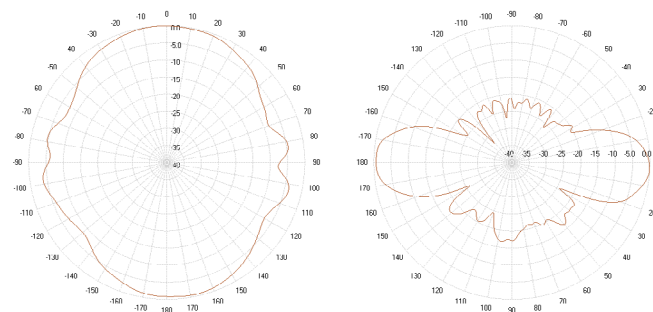
3400 MHz



3600 MHz

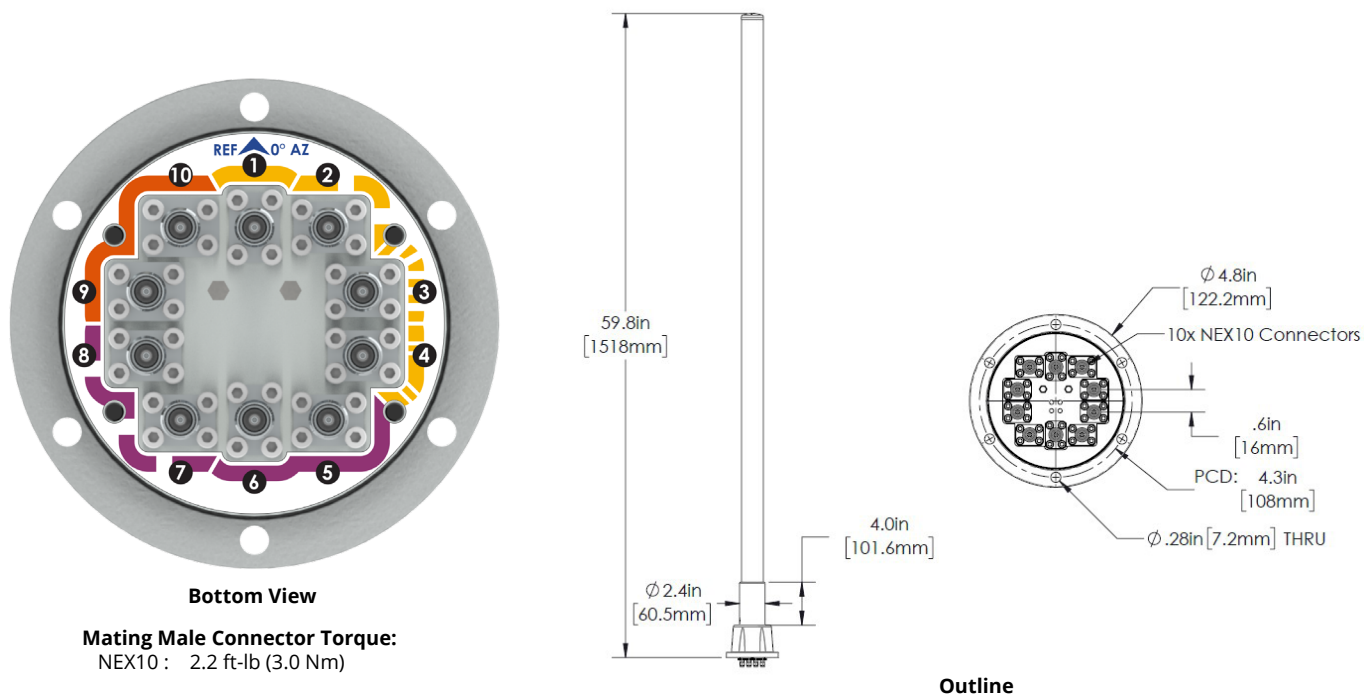


3860 MHz



5250 MHz

Antenna Outline and Bottom View with Label



Part Numbers, Ordering Options and Accessories

Description:	Connectors	Color	Included Accessories	Part Number:
10-Port Omni Whip Antenna	10x NEX10 (F)	Gray/Silver (Fed Std 595, 26373)	MK-06766 Top Mount Spacer Collar	GO6010-06906-122
		Black (Fed Std 595, 27038)	MK-06766 Top Mount Spacer Collar	GO6010-06906-B22

Mounting Kit and Part Number

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