

CUUX063X03Fxyz0

Tri Band | Hex Port | Panel Antenna | XXX-Pol | 63° / 63° / 63° | 8.0 / 8.0 / 8.0 dBi | Fixed Tilt

- Tri band, hex-port panel antenna with fixed electrical tilt
- Available with continuous adjustment "stadium" mounting option for azimuth and elevation adjustment

Ordering Options					
Option A: Mounting Kit and Connector Type	Mounting Kit Options	Connector Type (z)	Model Number	Includes Mounting Kit	
<p>The CUUX063X03Fxyz0 can be ordered with or without a mounting kit and three different connector options.</p> <p>Select from the Mounting Kit and Connector options shown at right.</p>	Antenna only, no mounting kit	(m) 4.1/9.5 Mini-DIN Female	CUUX063X03Fxym0	---	
		(s) 4.3/10 Female	CUUX063X03Fxsy0		
		(D) 7/16 DIN Female	CUUX063X03FxyD0		
	with Pole Mounting Bracket Kit		(m) 4.1/9.5 Mini-DIN Female	CUUX063X03Fxym0-P	MKS09P05
			(s) 4.3/10 Female	CUUX063X03Fxsy0-P	
			(D) 7/16 DIN Female	CUUX063X03FxyD0-P	
with Continuous Adjustment "Stadium" Mounting Bracket Kit		(m) 4.1/9.5 Mini-DIN Female	CUUX063X03Fxym0-S	11100010	
		(s) 4.3/10 Female	CUUX063X03Fxsy0-S		
		(D) 7/16 DIN Female	CUUX063X03FxyD0-S		




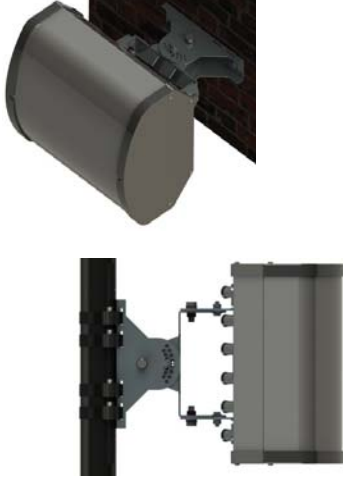
Option B: Electrical Downtilt (xy)	
<p>The CUUX063X03Fxyz0 can be ordered with a variety of different fixed Electrical Downtilt configurations.</p>	<p>When ordering, replace the "x" in the model number with the value of electrical downtilt for the 696-900 MHz frequency and replace the "y" in the model number with the value of electrical downtilt for the 1695-2700 MHz range. Select from the options listed below under Electrical Downtilt.</p>

Electrical Characteristics	696-900 MHz		(2x) 1695-2700 MHz			
	696-806	806-900	1695-1880	1850-1990	1900-2170	2200-2700
Frequency Bands (MHz)	696-806	806-900	1695-1880	1850-1990	1900-2170	2200-2700
Polarization	±45°		(2x) ±45°			
Horizontal Beamwidth	72°	68°	72°	70°	70°	65°
Vertical Beamwidth	65°	60°	65°	64.5°	64°	63°
Gain	7.5 dBi	8.0 dBi	7.0 dBi	7.5 dBi	7.5 dBi	8.0 dBi
Electrical Downtilt	(x) 0°		(y) 0°			
Impedance	50Ω		50Ω			
VSWR	< 1.5:1		< 1.5:1			
Front-to-Back Ratio	> 28 dB		> 28 dB			
In-Band Isolation	> 20 dB		> 20 dB			
Isolation Between Ports	> 25 dB		> 25 dB			
IM3 (2x20W carrier)	< -153 dBc		< -153 dBc			
Input Power	(2x) 500 W		(4x) 300 W			
Total Number of Connectors	Antenna has 6 connectors located on the back of the antenna					
Connectors Per Band	696-900 MHz	(2x) 4.1/9.5 Mini-DIN Female or 4.3/10 Female or 7/16-DIN Female				
	1695-2700 MHz	(2x) 4.1/9.5 Mini-DIN Female or 4.3/10 Female or 7/16-DIN Female				
	1695-2700 MHz	(2x) 4.1/9.5 Mini-DIN Female or 4.3/10 Female or 7/16-DIN Female				
Diplexed	No					
Lightning Protection	Direct Ground					
Operating Temperature	-40° to +60° C (-40° to +140° F)					

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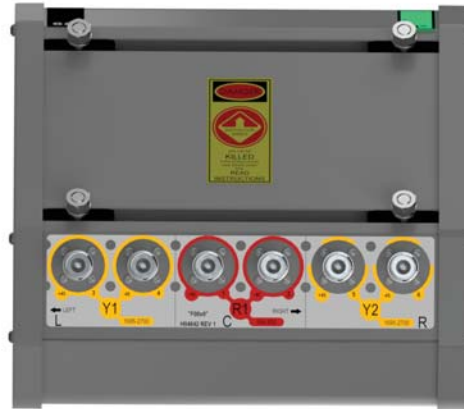
Mechanical Characteristics				
Dimensions (Length x Width x Depth)		307 x 311 x 177 mm		12.1 x 12.2 x 7.0 in
Weight without Mounting Brackets		3.3 kg		7.4 lbs
Survival Wind Speed		201 km/hr		125 mph
Wind Loads (160 km/hr or 100 mph)	Front	134 N		30 lbf
	Side	80 N		18 lbf
Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
This antenna can be mounted using either of the following mounting kits. Mounting kits can be ordered as a separate line item with model number CUUX063X03Fxyz0 or can be included with the antenna as a single line item. See Ordering Options (page 1) for details.				
Pole Mounting Bracket Kit <i>(Included with CUUX063X03Fxyz0-P)</i>	MKS09P05		50-115 mm 2.0-4.5 in	1.9 kg 4.2 lbs
Continuous Adjustment "Stadium" Mounting Bracket Kit - Wall or Pole Mount <i>(Included with CUUX063X03Fxyz0-S)</i> <i>Allows continuous adjustment of the azimuth and elevation; Straps for Pole Mounting are NOT included.</i>	11100010		50-203 mm 2.0-8.0 in	2.4 kg 5.4 lbs

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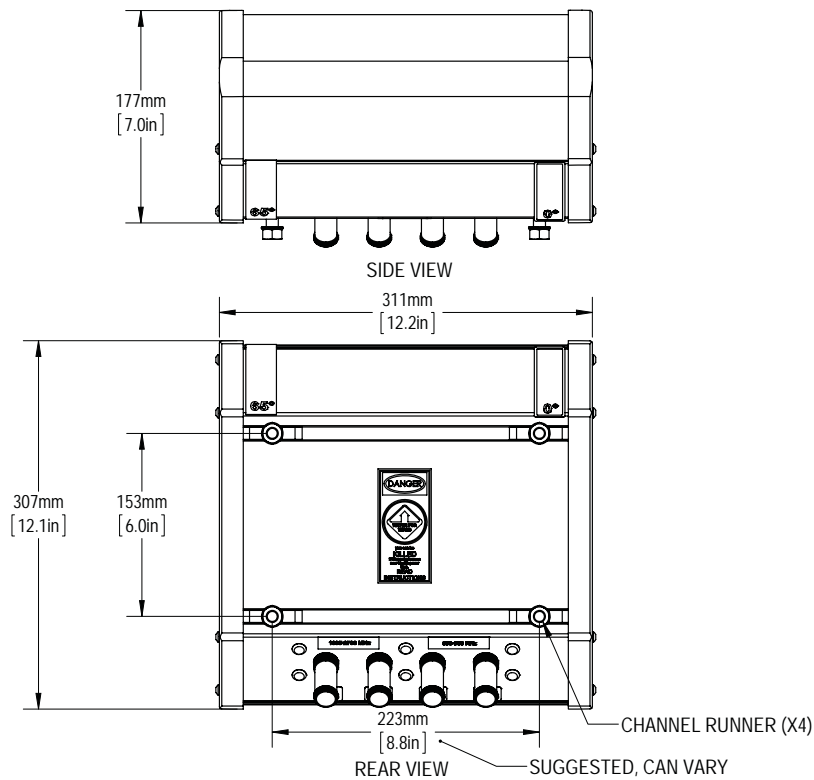
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Connector (Back) View of Antenna



Dimensions

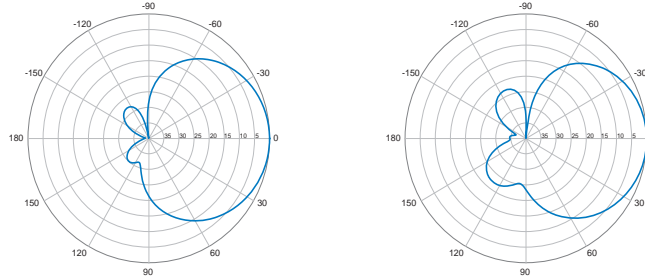


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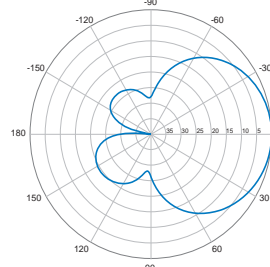
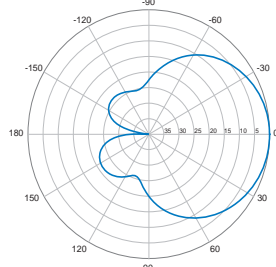
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696-900 MHz



Horizontal | 750 MHz

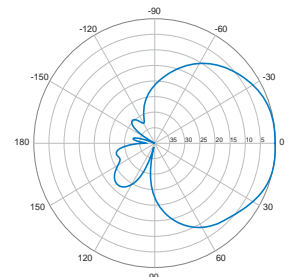
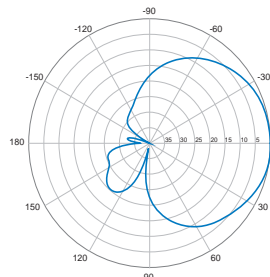
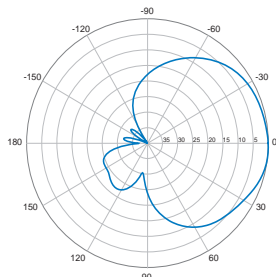
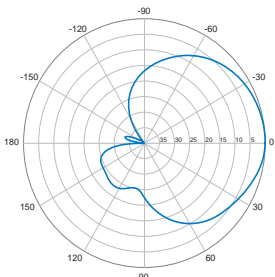
Horizontal | 850 MHz



Vertical | 0° | 750 MHz

Vertical | 0° | 850 MHz

1695-2700 MHz

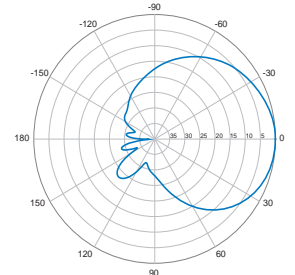
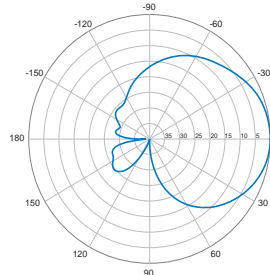
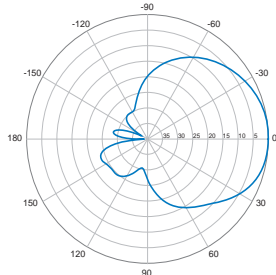
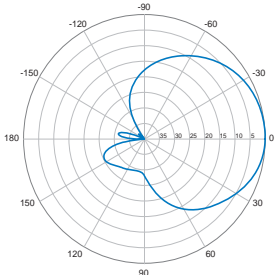


Horizontal | 1800 MHz

Horizontal | 1900 MHz

Horizontal | 2100 MHz

Horizontal | 2500 MHz



Vertical | 0° | 1800 MHz

Vertical | 0° | 1900 MHz

Vertical | 0° | 2100 MHz

Vertical | 0° | 2500 MHz

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