

CUUX022X03Fxyz0

Tri Band | Hex Port | Panel Antenna | XXX-Pol | 22° / 22° / 22° | 11.8 / 11.8 / 11.8 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



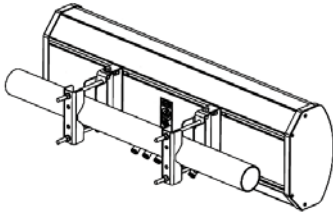
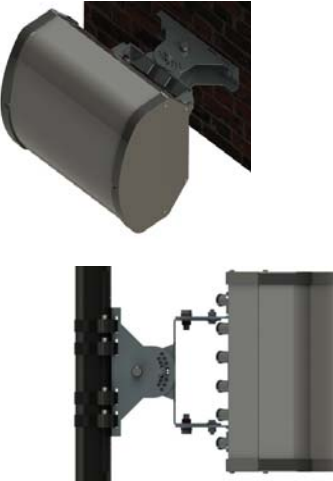
Ordering Options				
Option A: Mounting Kit and Connector Type	Mounting Kit Options	Connector Type (z)	Model Number	Includes Mounting Kit
The CUUX022X03Fxyz0 can be ordered with or without a mounting kit and three different connector options. Select from the Mounting Kit and Connector options shown at right.	Antenna only, no mounting kit	(m) 4.1/9.5 Mini-DIN Female	CUUX022X03Fxym0	---
		(s) 4.3/10 Female	CUUX022X03FxyS0	
		(D) 7/16 DIN Female	CUUX022X03FxyD0	
	with 2-Point Pole Mounting Bracket Kit	(m) 4.1/9.5 Mini-DIN Female	CUUX022X03Fxym0-P	MKS09P01
		(s) 4.3/10 Female	CUUX022X03FxyS0-P	
		(D) 7/16 DIN Female	CUUX022X03FxyD0-P	
	with Continuous Adjustment "Stadium" Mounting Bracket Kit	(m) 4.1/9.5 Mini-DIN Female	CUUX022X03Fxym0-S	11100010
		(s) 4.3/10 Female	CUUX022X03FxyS0-S	
		(D) 7/16 DIN Female	CUUX022X03FxyD0-S	

Option B: Electrical Downtilt (xy)						
The CUUX022X03Fxyz0 can be ordered with a variety of different fixed Electrical Downtilt configurations.		When ordering, replace the “x” in the model number with the value of electrical downtilt for the 696-960 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.				
Electrical Characteristics		696-960 MHz		(2x) 1695-2700 MHz		
Frequency Bands (MHz)		696-806	806-960	1695-1880	1850-1990	1900-2170 2200-2700
Polarization		±45°		(2x) ±45°		
Horizontal Beamwidth		25°	21°	26°	26°	25° 20°
Vertical Beamwidth		72°	68°	67°	67°	63° 59°
Gain		10.8 dBi	11.8 dBi	10.8 dBi	10.8 dBi	11.3 dBi 12.0 dBi
Electrical Downtilt		(x) 0°		(y) 0°		
Impedance		50Ω		50Ω		
VSWR		< 1.5:1		< 1.5:1		
Front-to-Back Ratio		> 25 dB		> 30 dB		
In-Band Isolation		> 20 dB		> 20 dB		
Isolation Between Ports		> 20 dB		> 20 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	696-960 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)				

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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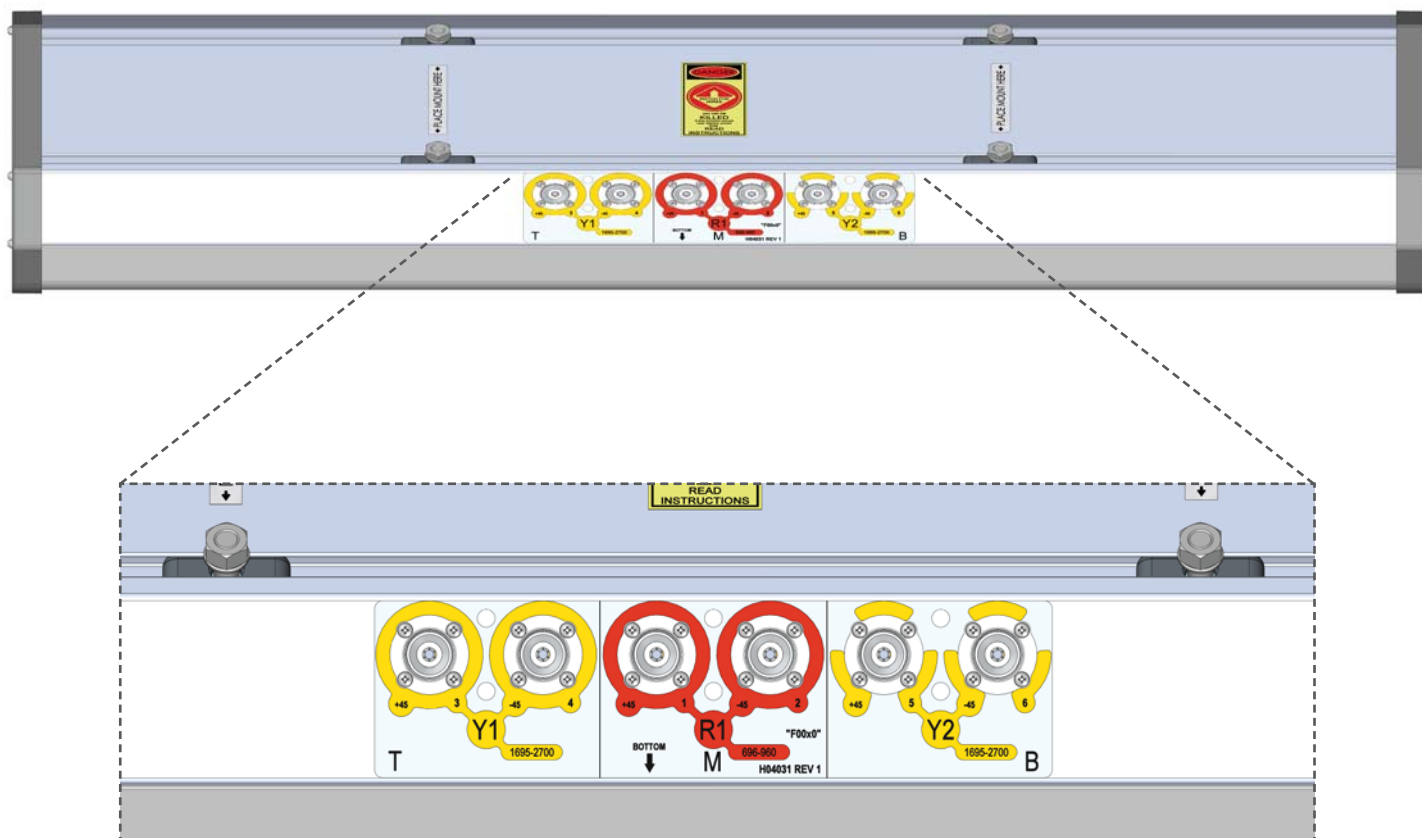
Mechanical Characteristics				
Dimensions (Length x Width x Depth)		307 x 958 x 177 mm		12.1 x 37.7 x 7.0 in
Weight without Mounting Brackets		7.3 kg		16 lbs
Survival Wind Speed		201 km/hr		125 mph
Wind Loads (160 km/hr or 100 mph)	Front	401 N		90 lbf
	Side	80 N		18 lbf
Mounting Options		Part Number	Image	Fits Pipe Diameter
2-Point Pole Mounting Bracket Kit <i>(Included with CUUX022X03Fxyz0-P)</i>		MKS09P01		50-115 mm 2.0-4.5 in
Continuous Adjustment "Stadium" Mounting Bracket Kit - Wall or Pole Mount <i>(Included with CUUX022X03Fxyz0-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

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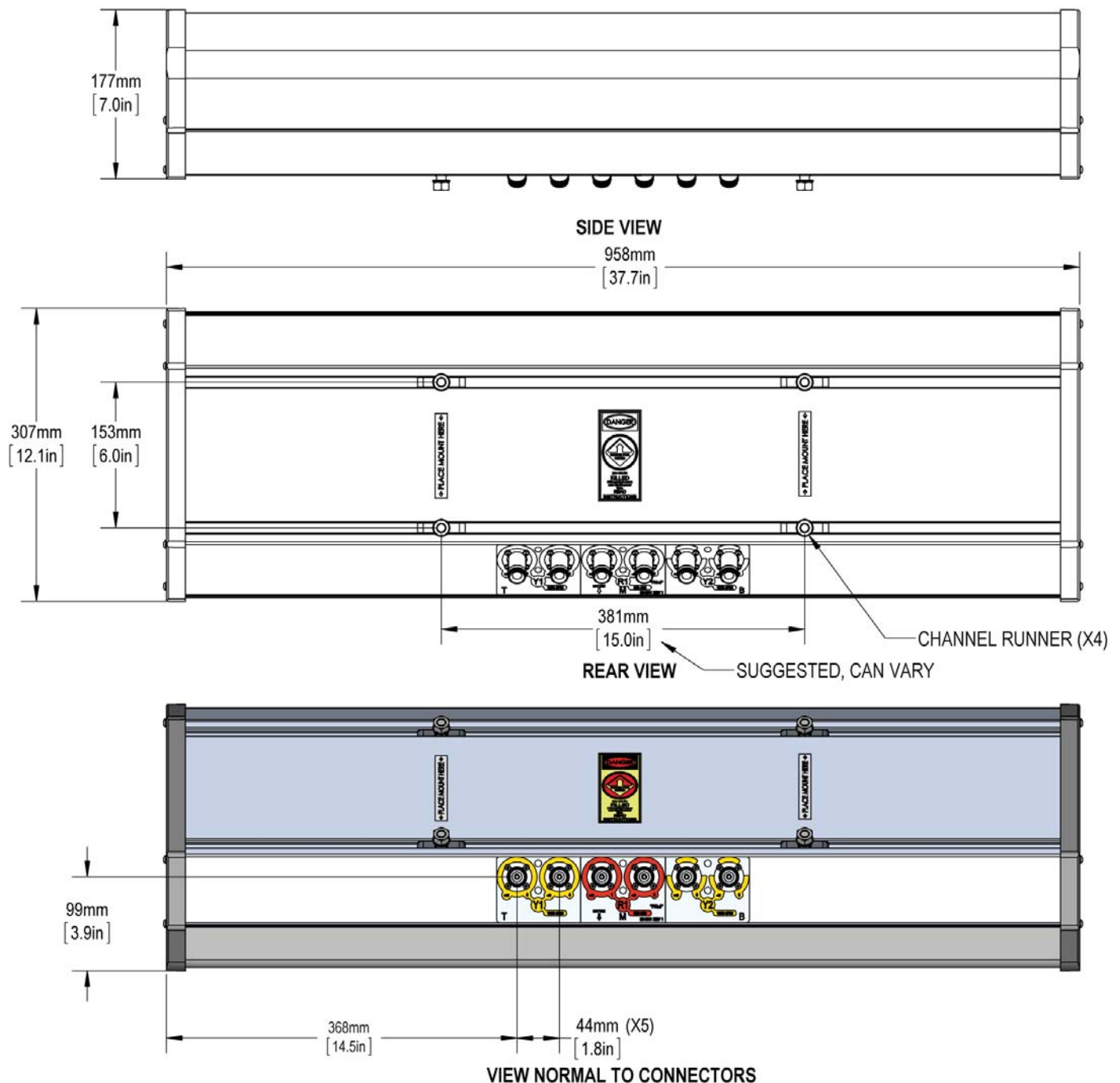
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Back View of Antenna



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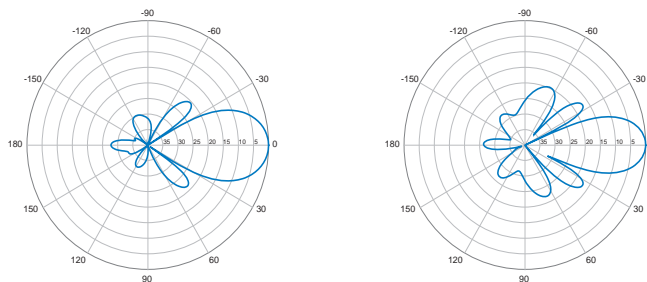


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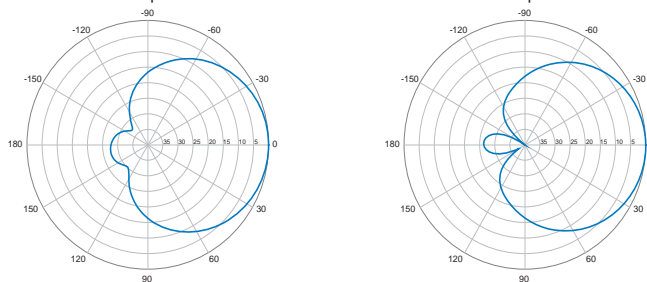
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696-960 MHz



Horizontal | 750 MHz

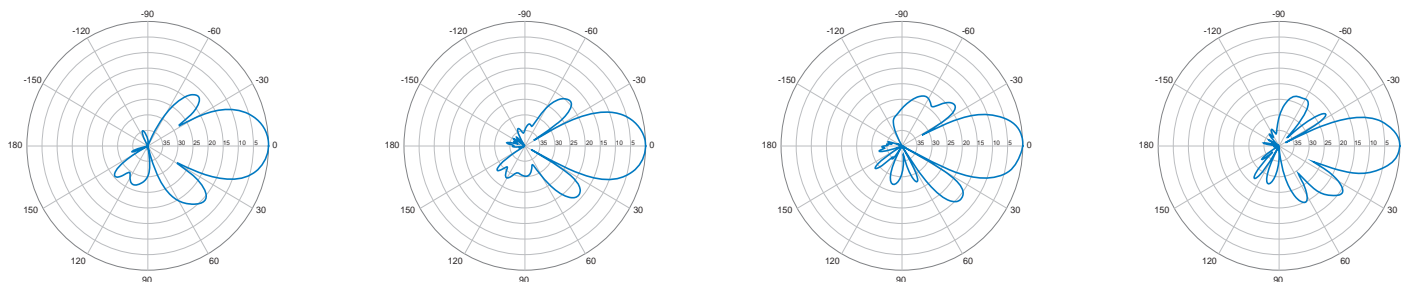
Horizontal | 850 MHz



Vertical | 0° | 750 MHz

Vertical | 0° | 850 MHz

1695-2700 MHz

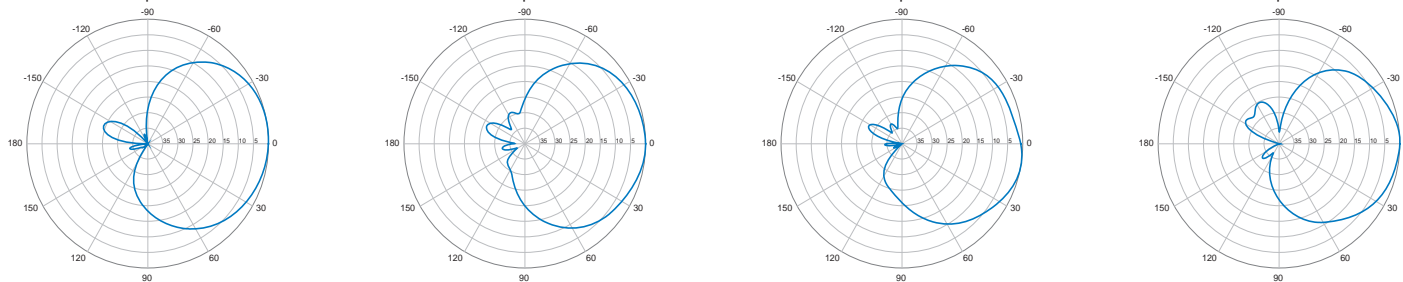


Horizontal | 1800 MHz

Horizontal | 1900 MHz

Horizontal | 2100 MHz

Horizontal | 2400 MHz



Vertical | 0° | 1800 MHz

Vertical | 0° | 1900 MHz

Vertical | 0° | 2100 MHz

Vertical | 0° | 2400 MHz

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