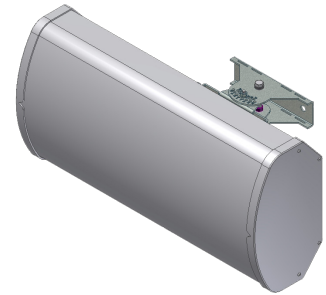


## CUUX033X03Fxyz0

Tri Band | Hex Port | Panel Antenna | XXX-Pol | 33° / 33° / 33° | 10.0 / 11.0 / 11.0 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 CUUX033X03Fxyz0 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	CUUX033X03Fxym0	---
		(s) 4.3/10 Female	CUUX033X03Fxs0	
		(D) 7/16 DIN Female	CUUX033X03FxyD0	
	with 2-Point Pole Mounting Bracket Kit	(m) 4.1/9.5 Mini-DIN Female	CUUX033X03Fxym0-P	MKS09P01
		(s) 4.3/10 Female	CUUX033X03Fxs0-P	
		(D) 7/16 DIN Female	CUUX033X03FxyD0-P	
	with Continuous Adjustment "Stadium" Mounting Bracket Kit	(m) 4.1/9.5 Mini-DIN Female	CUUX033X03Fxym0-S	11100010
		(s) 4.3/10 Female	CUUX033X03Fxs0-S	
		(D) 7/16 DIN Female	CUUX033X03FxyD0-S	

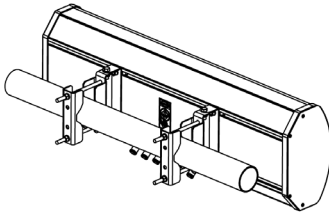
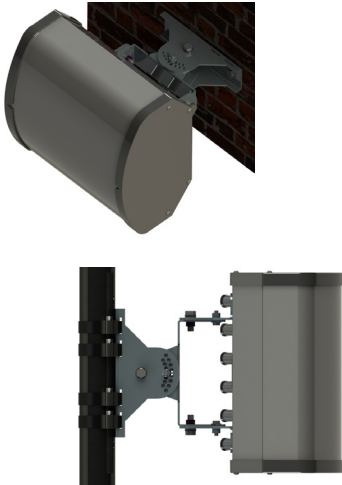


Option B: Electrical Downtilt (xy)						
The CUUX033X03Fxyz0 can be ordered with a variety of different fixed Electrical Downtilt configurations.		When ordering, replace the “x” in the model number with the value of electrical downtilt for the 696-960 MHz frequency and replace the “y” in the model number 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		33°	35°	37°	35°	35° 33°
Vertical Beamwidth		60°	65°	67°	65°	65° 63°
Gain		9.5 dBi	10.0 dBi	10.0 dBi	10.5 dBi	10.5 dBi 11.0 dBi
Electrical Downtilt		(x) 0°		(y) 0°		
Impedance		50Ω		50Ω		
VSWR		< 1.5:1		< 1.5:1		
Front-to-Back Ratio		> 30 dB		> 30 dB		
In-Band Isolation		> 21 dB		> 21 dB		
Isolation Between Ports		> 25 dB		> 35 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)				

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## CUUX033X03Fxyz0

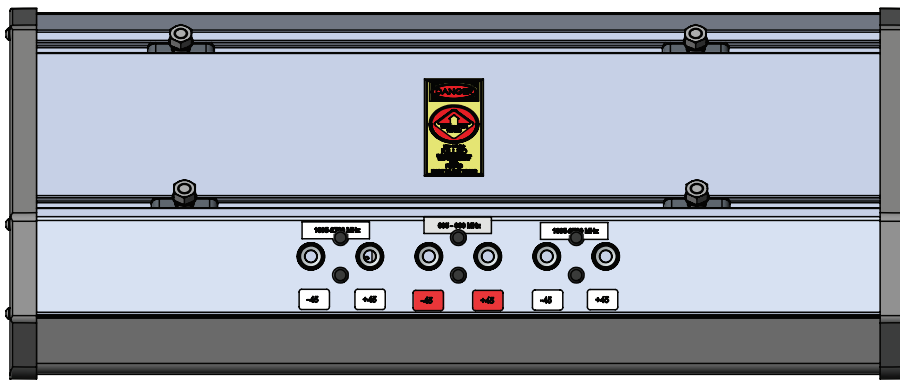
Tri Band | Hex Port | Panel Antenna | XXX-Pol | 33° / 33° / 33° | 10.0 / 11.0 / 11.0 dBi | Fixed Tilt

Mechanical Characteristics				
Dimensions (Length x Width x Depth)		307 x 676 x 177 mm	12.1 x 26.6 x 7.0 in	
Weight without Mounting Brackets		5.9 kg	12.9 lbs	
Survival Wind Speed		201 km/hr	125 mph	
Wind Loads (160 km/hr or 100 mph)	Front	267 N	60 lbf	
	Side	80 N	18 lbf	
Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
2-Point Pole Mounting Bracket Kit <i>(Included with CUUX033X03Fxyz0-P)</i>	MKS09P01		50-115 mm 2.0-4.5 in	2.7 kg 6 lbs
Continuous Adjustment "Stadium" Mounting Bracket Kit - Wall or Pole Mount <i>(Included with CUUX033X03Fxyz0-S)</i> Allows continuous adjustment of the azimuth and elevation; Straps for Pole Mounting are <b>NOT</b> included.	11100010		50-203 mm 2.0-8.0 in	2.4 kg 5.4 lbs

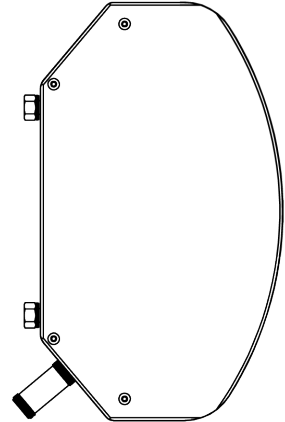
## CUUX033X03Fxyz0

Tri Band | Hex Port | Panel Antenna | XXX-Pol | 33° / 33° / 33° | 10.0 / 11.0 / 11.0 dBi | Fixed Tilt

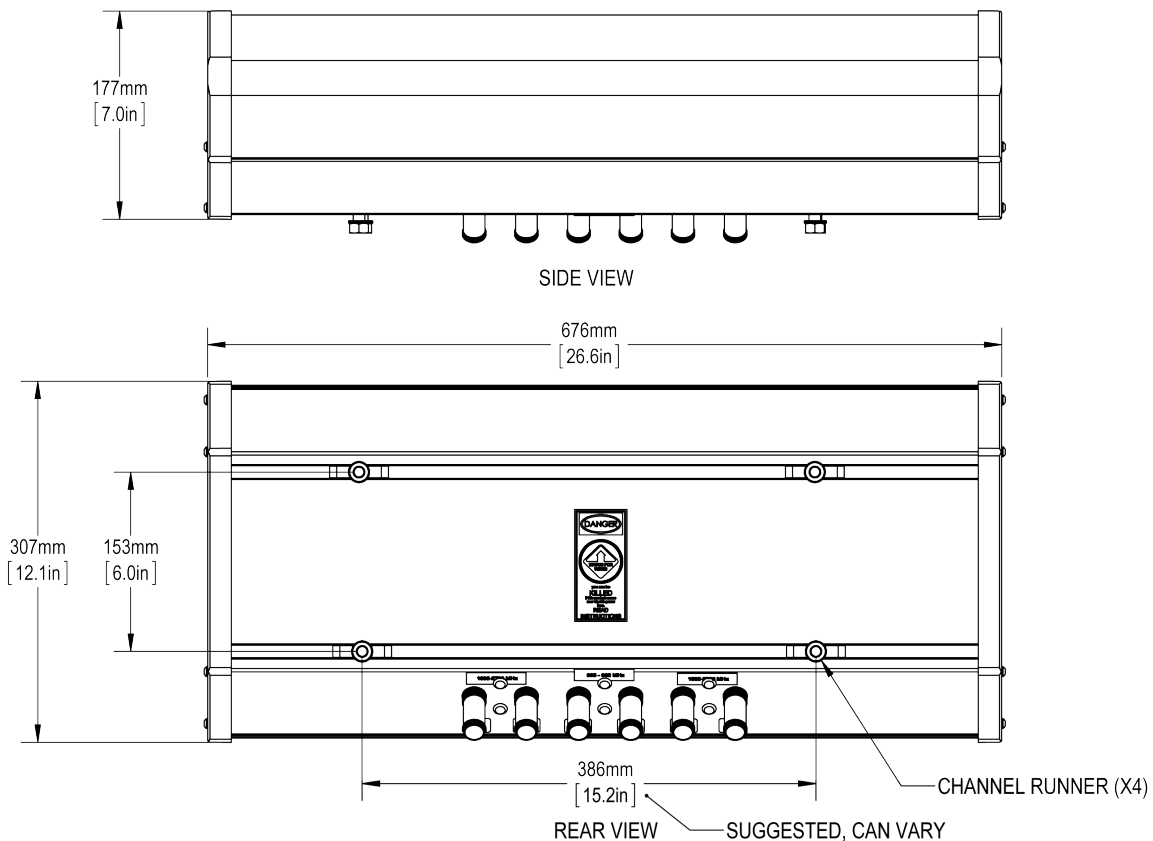
Connector (Back) View of Antenna



Side View of Antenna



Dimensions

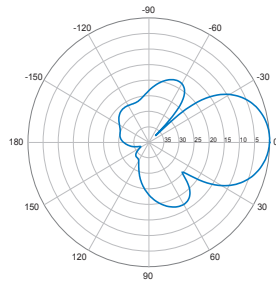


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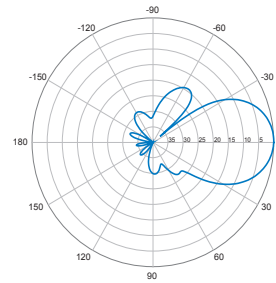
## CUUX033X03Fxyz0

Tri Band | Hex Port | Panel Antenna | XXX-Pol | 33° / 33° / 33° | 10.0 / 11.0 / 11.0 dBi | Fixed Tilt

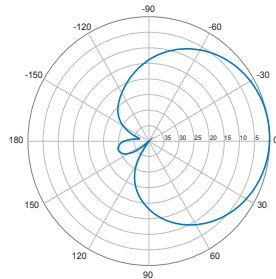
696-960 MHz



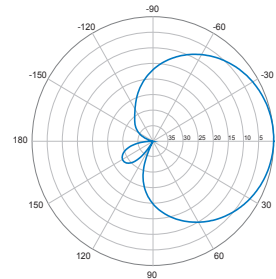
Horizontal | 750 MHz



Horizontal | 850 MHz

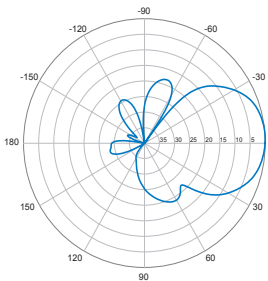


Vertical | 0° | 750 MHz

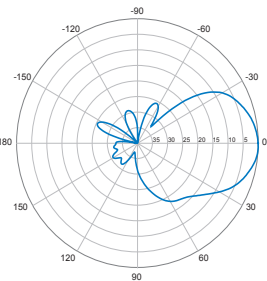


Vertical | 0° | 850 MHz

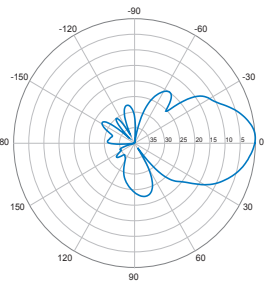
1695-2700 MHz



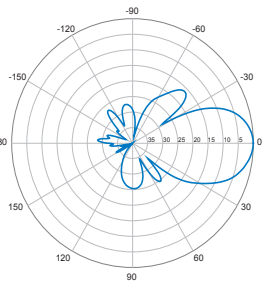
Horizontal | 1800 MHz



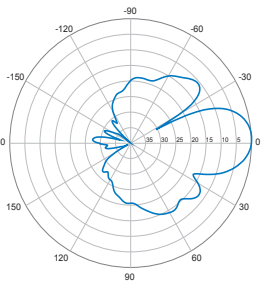
Horizontal | 1900 MHz



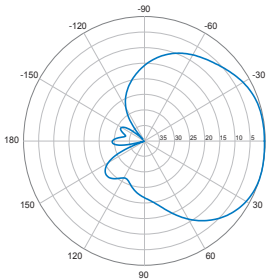
Horizontal | 2100 MHz



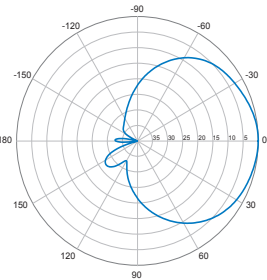
Horizontal | 2400 MHz



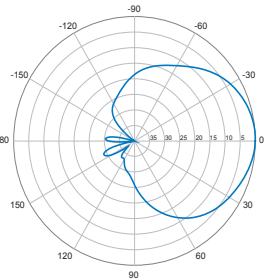
Horizontal | 2700 MHz



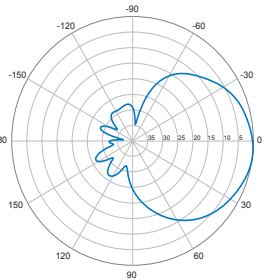
Vertical | 0° | 1800 MHz



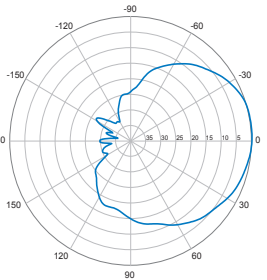
Vertical | 0° | 1900 MHz



Vertical | 0° | 2100 MHz



Vertical | 0° | 2400 MHz



Vertical | 0° | 2700 MHz

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