

CX063X03Fx0z0

Single Band | Panel Antenna | X-Pol | 63° | 8.0 dBi | Fixed Tilt

- Single band, 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 CX063X03Fx0z0 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	CX063X03Fx0m0	---	
		(s) 4.3/10 Female	CX063X03Fx0s0		
		(D) 7/16 DIN Female	CX063X03Fx0D0		
	with Pole Mounting Bracket Kit		(m) 4.1/9.5 Mini-DIN Female	CX063X03Fx0m0-P	MKS09P05
			(s) 4.3/10 Female	CX063X03Fx0s0-P	
			(D) 7/16 DIN Female	CX063X03Fx0D0-P	
	with Continuous Adjustment “Stadium” Mounting Bracket Kit		(m) 4.1/9.5 Mini-DIN Female	CX063X03Fx0m0-S	11100010
			(s) 4.3/10 Female	CX063X03Fx0s0-S	
			(D) 7/16 DIN Female	CX063X03Fx0D0-S	

Option B: Electrical Downtilt (x)


When ordering, replace the “x” in the model number with the value of electrical downtilt. Select from the options listed below under Electrical Downtilt.

Electrical Characteristics	696-900 MHz	
	696-806	806-900
Frequency Bands (MHz)	696-806	806-900
Polarization	±45°	
Horizontal Beamwidth	72°	68°
Vertical Beamwidth	65°	60°
Gain	7.5 dBi	8.0 dBi
Electrical Downtilt	(x) 0°	
Impedance	50Ω	
VSWR	< 1.5:1	
Front-to-Back Ratio	> 25 dB	
In-Band Isolation	> 20 dB	
IM3 (2x20W carrier)	< -153 dBc	
Input Power	(2x) 500 W	
Total Number of Connectors	Antenna has 2 connectors located on the back of the antenna	
Connectors Per Band	(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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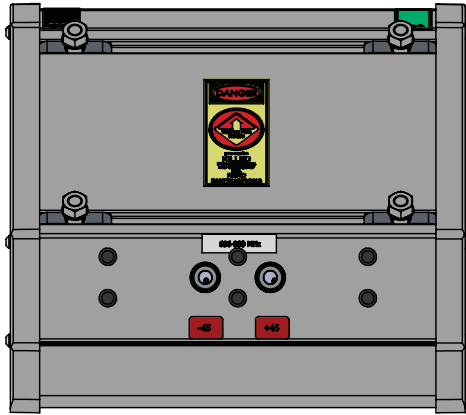
Mechanical Characteristics					
Dimensions (Length x Width x Depth)		307 x 311 x 177 mm		12.1 x 12.2 x 7.0 in	
Weight without Mounting Brackets		2.7 kg		5.9 lbs	
Survival Wind Speed		201 km/hr		125 mph	
Wind Loads (160 km/hr or 100 mph)	Front	134 N		30 lbf	
	Side	80 N		18 lbf	
Mounting Options		Part Number	Image	Fits Pipe Diameter	Weight
<p>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 CX063X03F_x0z0 or can be included with the antenna as a single line item. See Ordering Options (page 1) for details.</p>					
Pole Mounting Bracket Kit <i>(Included with CX063X03F_x0z0-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 CX063X03F_x0z0-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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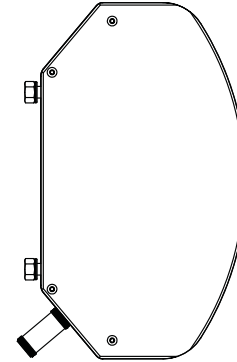
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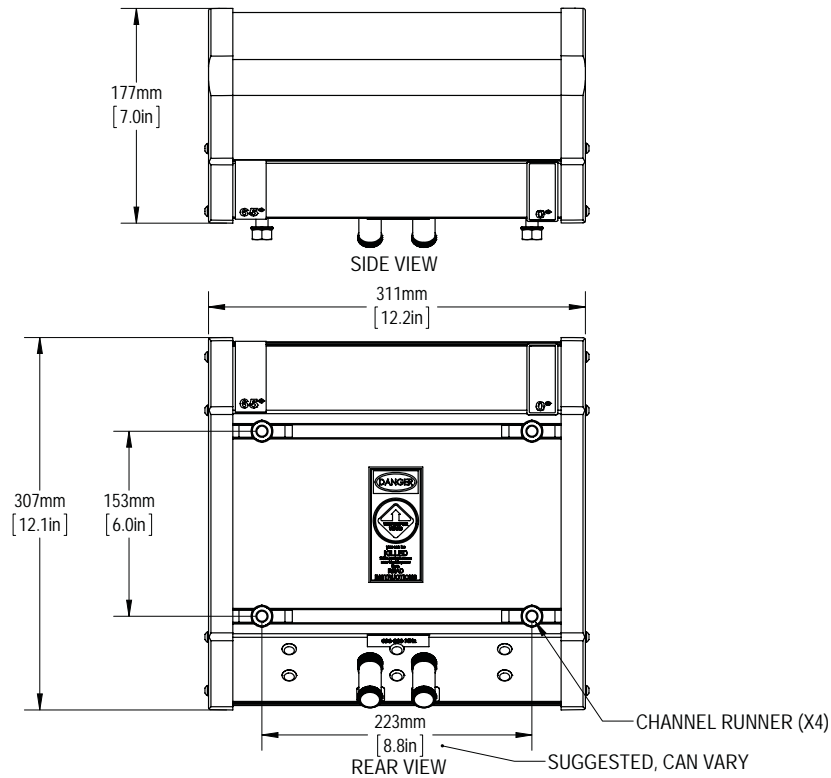
Connector (Back) View of Antenna



Side View of Antenna



Dimensions

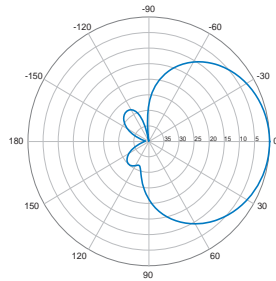


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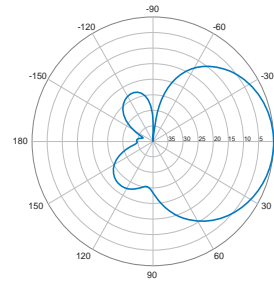
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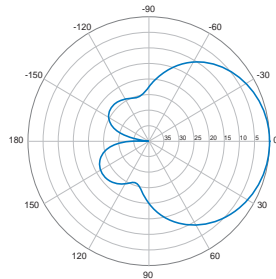
696-900 MHz



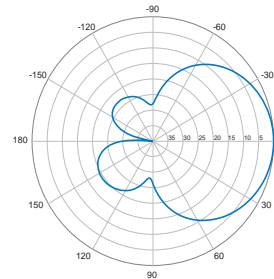
Horizontal | 750 MHz



Horizontal | 850 MHz



Vertical | 0° | 750 MHz



Vertical | 0° | 850 MHz