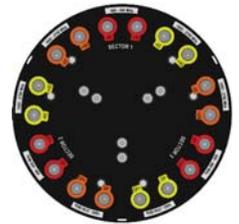


CUUT070X12Fxyz0

TRI BAND | 3-SECTOR | CANISTER ANTENNA | XXX-POL | 65° / 63° / 63° | 13.0 / 17.3 / 17.3 DBI | FIXED TILT

Features

- 3-Sector (120°) configuration with 18 connectors
- Ideal for Small Cell / DAS applications
- Available with 4.1/9.5 or 4.3/10 or 7/16-DIN connectors
- Three unique mounting options
- Can be painted to blend in with a mounting structure



Connector Description

The antenna has 18 connectors located at the bottom, each marked with a colored ring.

Low Band	696-960 MHz	Red Rings		(6x) 4.1/9.5 or 4.3/10 or 7/16-DIN Female
High Band #1	1695-2700 MHz	Yellow Rings		(6x) 4.1/9.5 or 4.3/10 or 7/16-DIN Female
High Band #2	1695-2700 MHz	Orange Rings		(6x) 4.1/9.5 or 4.3/10 or 7/16-DIN Female

Electrical Characteristics	Low Band		High Bands #1 and #2			
	696-960 MHz		(2x) 1695-2700 MHz			
Frequency Bands (MHz)	696-806	806-960	1695-1880	1850-1990	1920-2180	2200-2700
Polarization	±45°		(2x) ±45°			
Horizontal Beamwidth	70°	65°	70°	68°	65°	63°
Vertical Beamwidth	20°	15°	7.5°	7.0°	6.5°	6.0°
Gain	12.0 dBi	13.0 dBi	16.0 dBi	16.5 dBi	17.0 dBi	17.3 dBi
Electrical Downtilt (°)	(x) 0, 2, 4, 6, 8, 10, 12		(y) 0, 4, 8, 12			
Impedance	50Ω		50Ω			
VSWR	≤ 1.5:1		≤ 1.5:1			
Upper Sidelobe Suppression	> 15 dB		> 15 dB			
Front-to-Back Ratio	> 25 dB		> 25 dB			
Isolation Between Ports	20 dB		25 dB			
IM3 (2x20W carrier)	< -153 dBc		< -153 dBc			
Input Power	(6x) 500 W		(12x) 300 W			
Diplexed	No					
Number of Sectors / Sector Spacing	3 Sectors / 120° Spacing					
Lightning Protection	Direct Ground					

Mechanical Characteristics

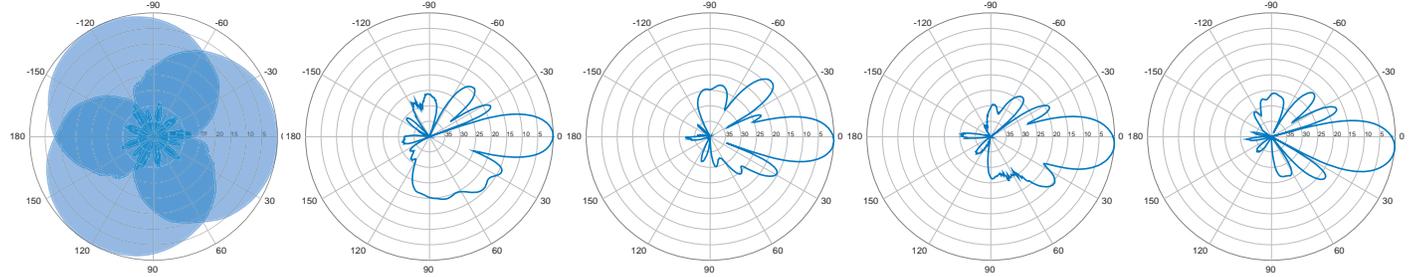
Antenna Dimensions (Height x Diameter)	1219 x 371 mm	48.0 x 14.6 in
Weight without Mounting Bracket Kit	19.1 kg	42.0 lbs
Survival Wind Speed	200 km/hr	125 mph
Wind Area	0.46 m ²	4.9 ft ²
Wind Load (160 km/hr or 100 mph)	383 N	86 lbf

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CUUT070X12Fxyz0

TRI BAND | 3-SECTOR | CANISTER ANTENNA | XXX-POL | 65° / 63° / 63° | 13.0 / 17.3 / 17.3 DBI | FIXED TILT

696-960 MHz



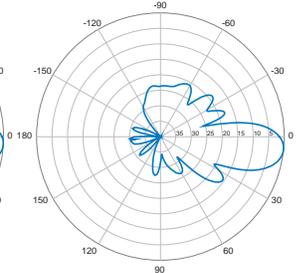
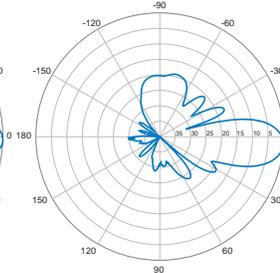
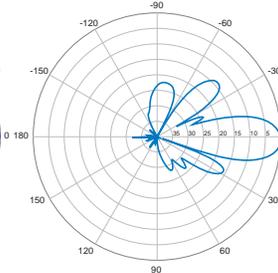
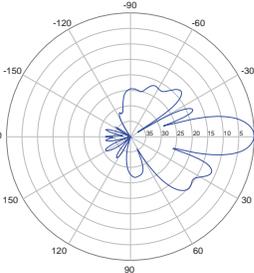
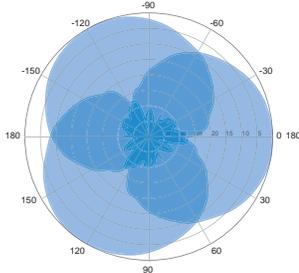
Horizontal | 750 MHz

0° | Vertical | 750 MHz

2° | Vertical | 750 MHz

4° | Vertical | 750 MHz

6° | Vertical | 750 MHz



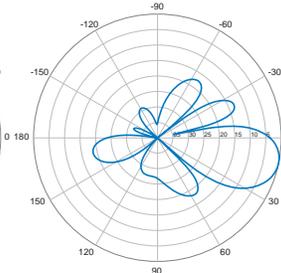
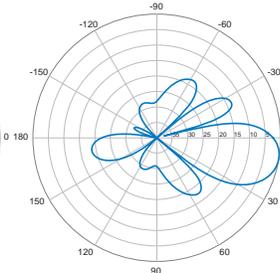
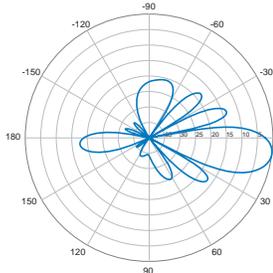
Horizontal | 850 MHz

0° | Vertical | 850 MHz

2° | Vertical | 850 MHz

4° | Vertical | 850 MHz

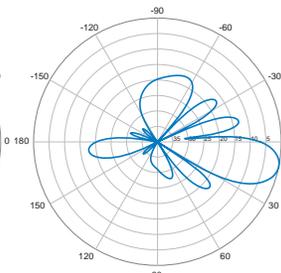
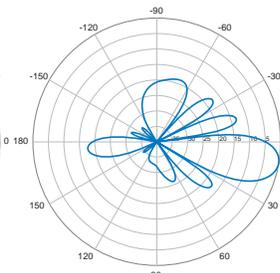
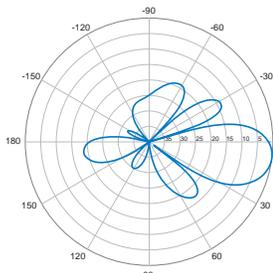
6° | Vertical | 850 MHz



8° | Vertical | 750 MHz

10° | Vertical | 750 MHz

12° | Vertical | 750 MHz



8° | Vertical | 850 MHz

10° | Vertical | 850 MHz

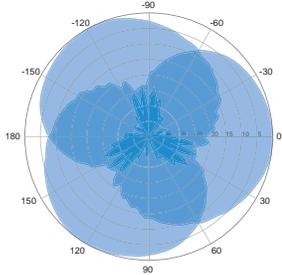
12° | Vertical | 850 MHz

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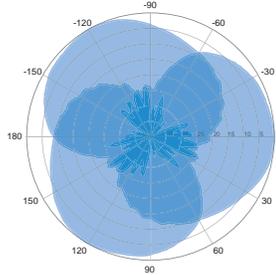
CUUT070X12Fxyz0

TRI BAND | 3-SECTOR | CANISTER ANTENNA | XXX-POL | 65° / 63° / 63° | 13.0 / 17.3 / 17.3 DBI | FIXED TILT

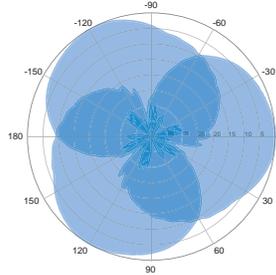
1695-2700 MHz



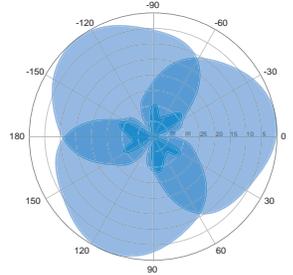
Horizontal | 1800 MHz



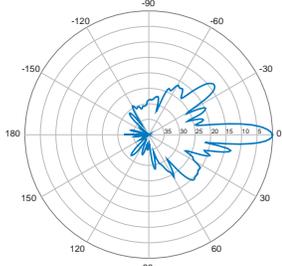
Horizontal | 1900 MHz



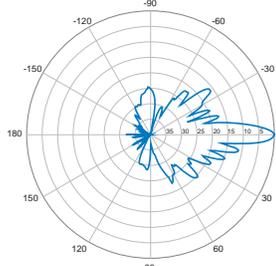
Horizontal | 2100 MHz



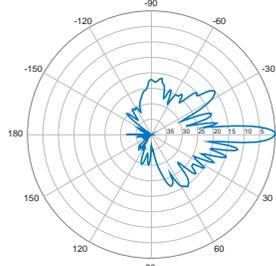
Horizontal | 2600 MHz



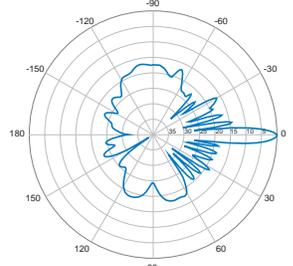
0° | Vertical | 1800 MHz



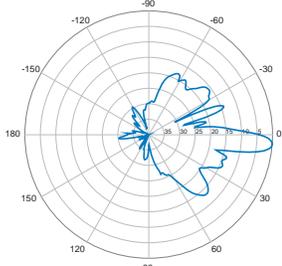
0° | Vertical | 1900 MHz



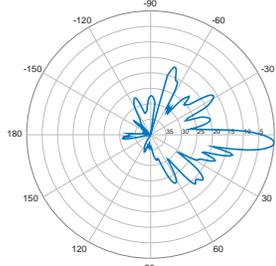
0° | Vertical | 2100 MHz



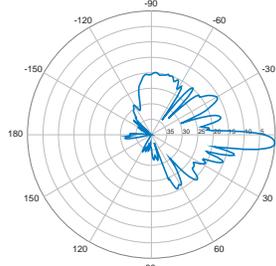
0° | Vertical | 2600 MHz



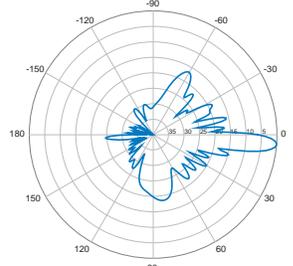
4° | Vertical | 1800 MHz



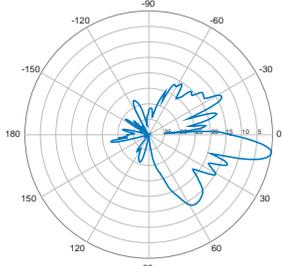
4° | Vertical | 1900 MHz



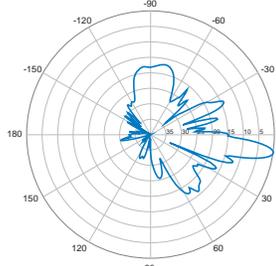
4° | Vertical | 2100 MHz



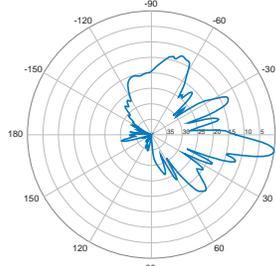
4° | Vertical | 2600 MHz



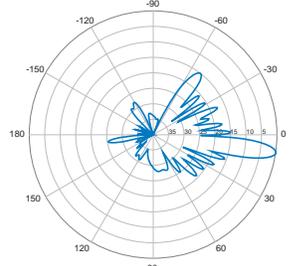
8° | Vertical | 1800 MHz



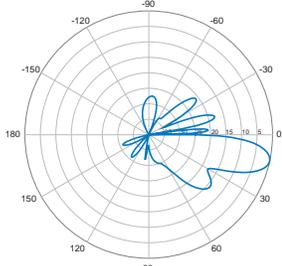
8° | Vertical | 1900 MHz



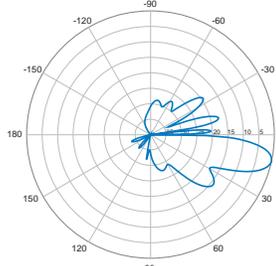
8° | Vertical | 2100 MHz



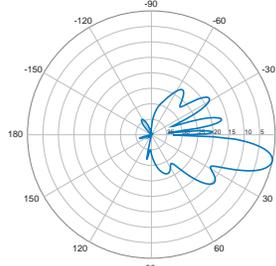
8° | Vertical | 2600 MHz



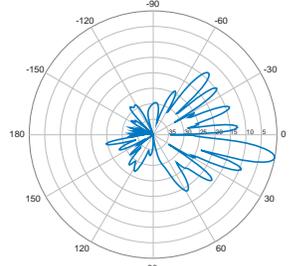
12° | Vertical | 1800 MHz



12° | Vertical | 1900 MHz



12° | Vertical | 2100 MHz



12° | Vertical | 2600 MHz

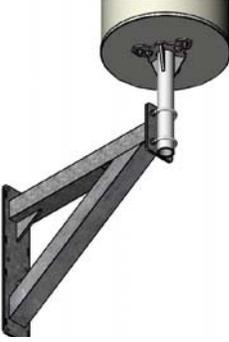
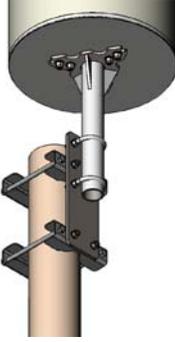
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Mounting Kits

This antenna can be mounted using any of the following mounting kits. Mounting kits can be ordered as a separate line item or can be included with the antenna as a single line item. Refer to [Ordering Options](#).

Side Mounting Kit	Top Mounting Kit	Utility Pole Mounting Kit
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01
		

Ordering Options

When ordering, select the Electrical Downtilt (**xy**), Paint Color, Mounting Option and Connector Type (**z**).

Electrical Downtilt Degree (°)	Low Band	replace "x" with one of the following options:	0, 2, 4, 6, 8, 10 or 12
	High Band	replace "y" with one of the following options:	0, 4, 8 or 12

Paint Color	Mounting Option	Connector Type (z)		
		4.1/9.5	4.3/10	7/16-DIN
Unpainted 	No Mounting - Antenna Only	CUUT070X12Fxy-0	CUUT070X12Fxys0	CUUT070X12FxyD0
	Side Mounting Kit	CUUT070X12Fxy-0S	CUUT070X12Fxys0S	CUUT070X12FxyD0S
	Top Mounting Kit	CUUT070X12Fxy-0T	CUUT070X12Fxys0T	CUUT070X12FxyD0T
	Utility Pole Mounting Kit	CUUT070X12Fxy-0U	CUUT070X12Fxys0U	CUUT070X12FxyD0U
Black 	No Mounting - Antenna Only	CUUT070X12Fxy-0BK	CUUT070X12Fxys0BK	CUUT070X12FxyD0BK
	Side Mounting Kit	CUUT070X12Fxy-0BKS	CUUT070X12Fxys0BKS	CUUT070X12FxyD0BKS
	Top Mounting Kit	CUUT070X12Fxy-0BKT	CUUT070X12Fxys0BKT	CUUT070X12FxyD0BKT
	Utility Pole Mount	CUUT070X12Fxy-0BKU	CUUT070X12Fxys0BKU	CUUT070X12FxyD0BKU
Brown 	No Mounting - Antenna Only	CUUT070X12Fxy-0BR	CUUT070X12Fxys0BR	CUUT070X12FxyD0BR
	Side Mounting Kit	CUUT070X12Fxy-0BRS	CUUT070X12Fxys0BRS	CUUT070X12FxyD0BRS
	Top Mounting Kit	CUUT070X12Fxy-0BRT	CUUT070X12Fxys0BRT	CUUT070X12FxyD0BRT
	Utility Pole Mounting Kit	CUUT070X12Fxy-0BRU	CUUT070X12Fxys0BRU	CUUT070X12FxyD0BRU
White 	No Mounting - Antenna Only	CUUT070X12Fxy-0WH	CUUT070X12Fxys0WH	CUUT070X12FxyD0WH
	Side Mounting Kit	CUUT070X12Fxy-0WHS	CUUT070X12Fxys0WHS	CUUT070X12FxyD0WHS
	Top Mounting Kit	CUUT070X12Fxy-0WHT	CUUT070X12Fxys0WHT	CUUT070X12FxyD0WHT
	Utility Pole Mounting Kit	CUUT070X12Fxy-0WHU	CUUT070X12Fxys0WHU	CUUT070X12FxyD0WHU

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