

2C4U3MT360X06F_{xy}s0

MULTI BAND | OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 610 MM (24.0 IN)

Features

- Omni configuration with 18 connectors
- Ideal for Small Cell / DAS applications
- This antenna meets the requirements of the U-NII
- Available for order with a grey, brown or black radome



Connector Description

The antenna has 18 connectors located at the bottom.

Low Band #1	R1	696-960 MHz	(2x) 4.3-10 Female
Low Band #2	R2	696-960 MHz	(2x) 4.3-10 Female
Mid Band #1	Y1	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #2	Y2	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #3	Y3	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #4	Y4	1695-2700 MHz	(2x) 4.3-10 Female
High Band #1	P1	3550-3700 MHz	(2x) 4.3-10 Female
High Band #2	P2	3550-3700 MHz	(2x) 4.3-10 Female
High Band #3	O1	5150-5925 MHz	(2x) 4.3-10 Female

Electrical Characteristics		R1	R2	Y1				Y2	Y3	Y4	P1	P2	O1
Frequency Bands (MHz)		(2x) 696-960		(4x) 1695-2700				(2x) 3550-3700		5150-5925			
		696-806	806-960	1695-1880	1850-1990	1920-2200	2300-2700						
Polarization		(2x) ±45°		(4x) ±45°				(2x) ±45°		±45°			
Horizontal Beamwidth		360°	360°	360°	360°	360°	360°	360°		360°			
Vertical Beamwidth		96.9° ± 26.7°	72° ± 21.7°	38.3° ± 7.8°	33.8° ± 8.2°	33.4° ± 6.2°	29.0° ± 5.1°	40.2° ± 4.6°		21.3° ± 5.9°			
Gain (dBi)	BASTA	4.2 ± 0.9	3.9 ± 0.7	6.1 ± 0.7	6.2 ± 0.7	6.1 ± 0.9	6.8 ± 1.1	5.3 ± 0.6		4.8 ± 1.0			
	Max	5.1	4.6	6.8	6.9	7.0	7.9	5.9		5.8			
Electrical Downtilt (°)		(x) 0		(y) 2, 4, 6				0		0			
Impedance		50Ω		50Ω				50Ω		50Ω			
VSWR		≤ 1.5:1		≤ 1.5:1				≤ 1.5:1		≤ 1.5:1			
Upper Sidelobe Suppression		N/A		N/A				N/A		N/A			
Isolation	Intraband	25 dB		25 dB				25 dB		25 dB			
	Interband	28 dB		28 dB				28 dB		28 dB			
IM3 (2x20W carrier)		< -153 dBc		< -153 dBc				N/A		N/A			
Input Power		(4x) 500 W		(8x) 300 W				(4x) 100 W		(2x) 50 W			
U-NII Compliant		---		---				---		Yes			
Diplexed		No											
Number of Sectors and/or Pattern Shape		Omni											
Lightning Protection		Direct Ground											

Mechanical Characteristics

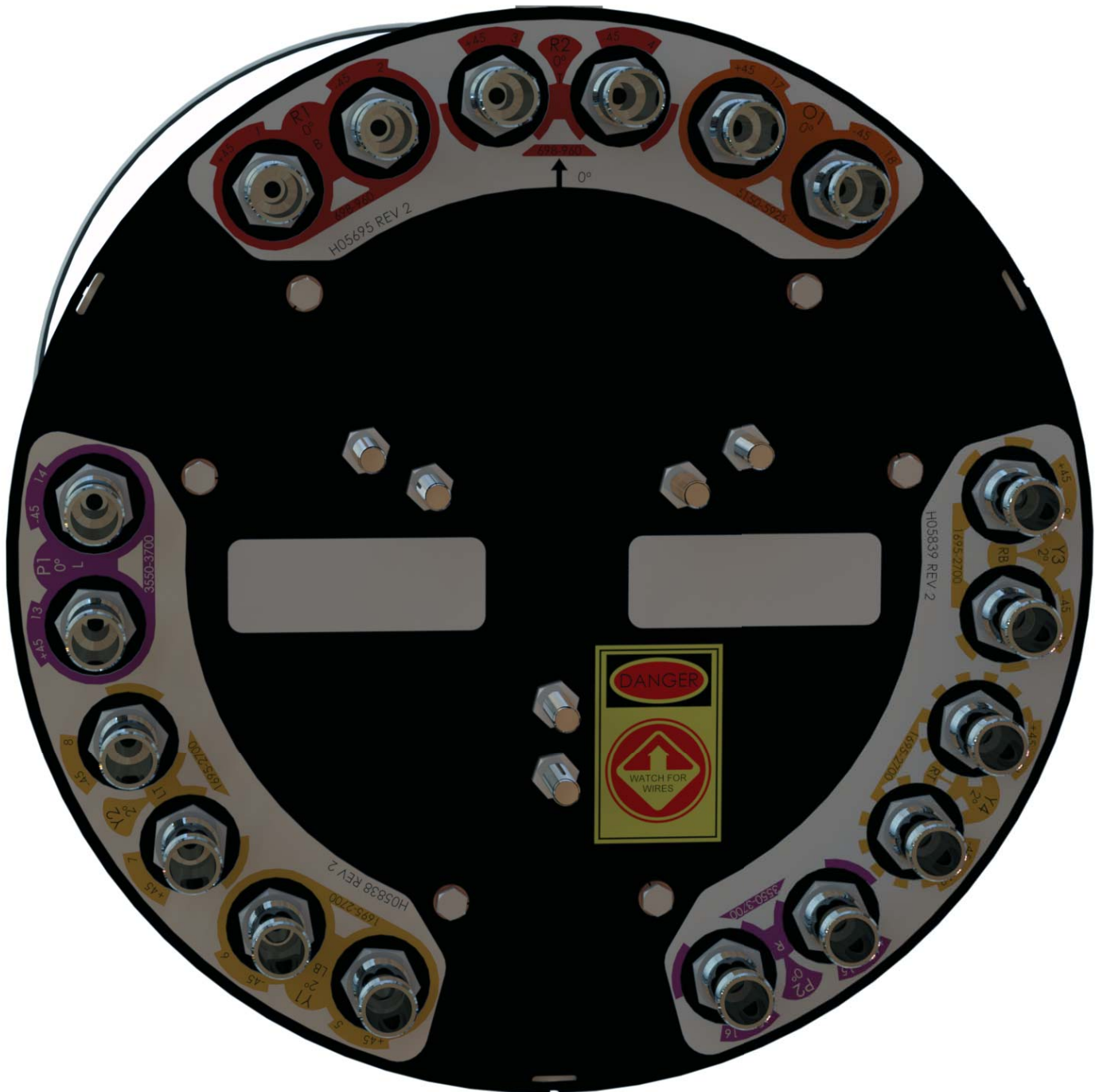
Antenna Dimensions (Height x Diameter)	610 x 371 mm	24.0 x 14.6 in
Weight without Mounting Bracket Kit	11.3 kg	25 lbs
Antenna Volume	0.07 m ³	2.3 ft ³
Survival Wind Speed	241 km/hr	150 mph
Wind Area	0.22 m ²	2.4 ft ²
Wind Load (160 km/hr or 100 mph)	191 N	43 lbf

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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Bottom View - Labeling

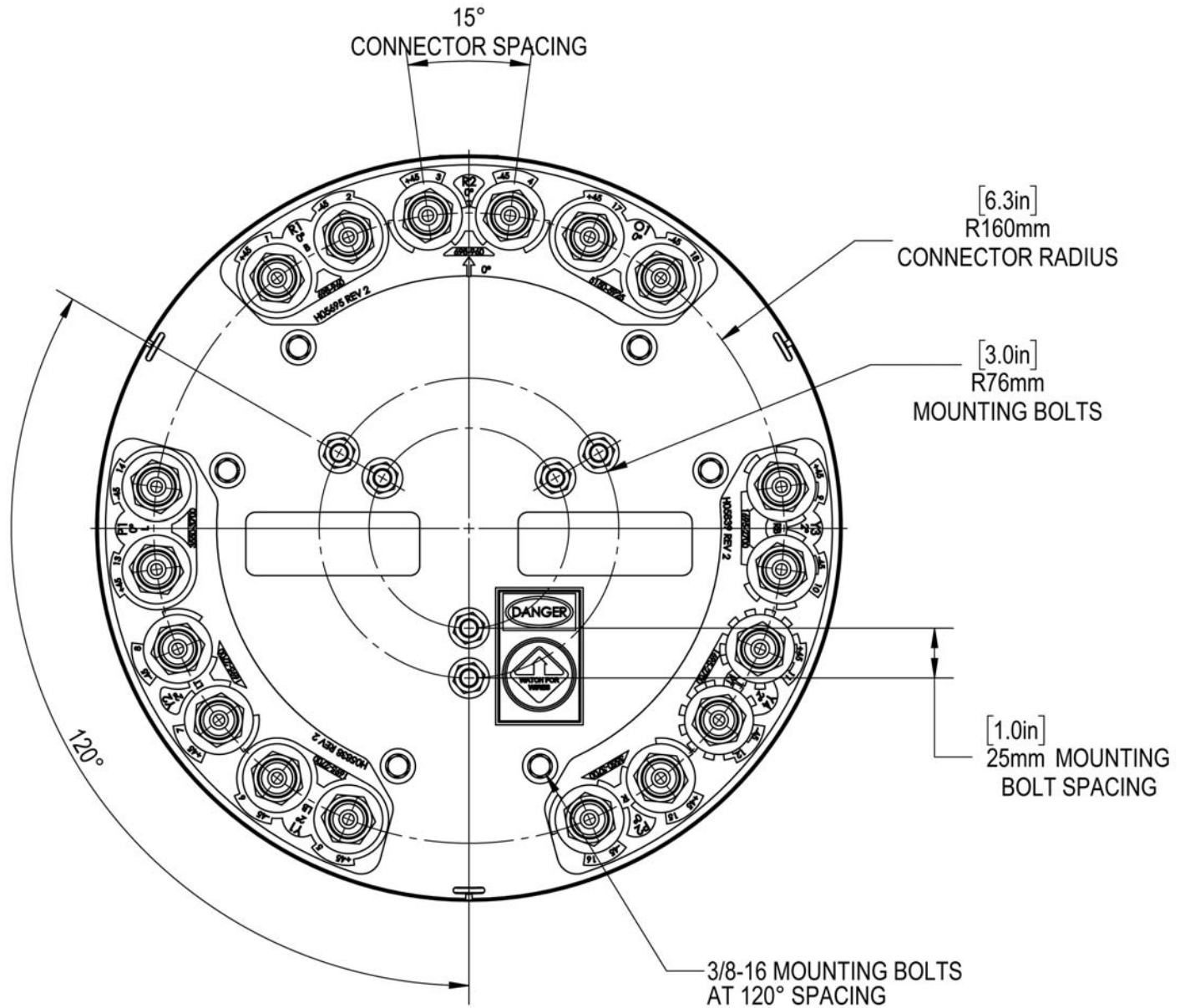


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Bottom View - Connector Diagram



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Ordering Options

When ordering, select the Radome Color and Degree of Electrical Downtilt (**xy**) for each band.

Radome Color	Electrical Downtilt Degree			Model Number
	LOW BAND ■ R1 ■ R2 (x)	MID BAND ■ Y1 ■ Y2 ■ Y3 ■ Y4 (y)	CBRS/LAA ■ P1 ■ P2 ■ O1	
Grey Pantone 420 C	0°	2°	0°	2C4U3MT360X06F 02 s0
	0°	4°	0°	2C4U3MT360X06F 04 s0
	0°	6°	0°	2C4U3MT360X06F 06 s0
	0°	Y1 & Y2 = 2° Y3 & Y4 = 4°	0°	2C4U3MT360X06F AA s0
	0°	Y1 & Y2 = 2° Y3 & Y4 = 6°	0°	2C4U3MT360X06F BB s0
	0°	Y1 & Y2 = 4° Y3 & Y4 = 6°	0°	2C4U3MT360X06F CC s0
Brown Pantone 476 C	0°	2°	0°	2C4U3MT360X06F 02 s0 BR
	0°	4°	0°	2C4U3MT360X06F 04 s0 BR
	0°	6°	0°	2C4U3MT360X06F 06 s0 BR
	0°	Y1 & Y2 = 2° Y3 & Y4 = 4°	0°	2C4U3MT360X06F AA s0 BR
	0°	Y1 & Y2 = 2° Y3 & Y4 = 6°	0°	2C4U3MT360X06F BB s0 BR
	0°	Y1 & Y2 = 4° Y3 & Y4 = 6°	0°	2C4U3MT360X06F CC s0 BR
Black RAL 9011	0°	2°	0°	2C4U3MT360X06F 02 s0 BK
	0°	4°	0°	2C4U3MT360X06F 04 s0 BK
	0°	6°	0°	2C4U3MT360X06F 06 s0 BK
	0°	Y1 & Y2 = 2° Y3 & Y4 = 4°	0°	2C4U3MT360X06F AA s0 BK
	0°	Y1 & Y2 = 2° Y3 & Y4 = 6°	0°	2C4U3MT360X06F BB s0 BK
	0°	Y1 & Y2 = 4° Y3 & Y4 = 6°	0°	2C4U3MT360X06F CC s0 BK

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Mounting Kits

This antenna can be mounted using any of the following mounting kits. Mounting kits must be ordered separately.

Side Mounting Bracket Kit	Top Mounting Bracket Kit	Utility Pole Mounting Bracket Kit	Wide Diameter Pole Top Mounting Bracket Kit
CWT-MKS-SIDE	CWT-MKS-TOP	WB3X-MKS-01	CWT-MKS-BASE-xx
			