

2C2U3MT360X06F_{xy}s0

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

Features

- Omni configuration with 14 connectors
- Ideal for Small Cell / DAS applications
- Available with 4.3-10 connectors
- This antenna meets the requirements of the U-NII
- Available for order with a grey, brown or black radome



Connector Description

The antenna has 14 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
High Band #1	■ Y3	3550-3700 MHz	(2x) 4.3-10 Female
High Band #2	■ Y4	3550-3700 MHz	(2x) 4.3-10 Female
High Band #3	■ V1	5150-5925 MHz	(2x) 4.3-10 Female

Electrical Characteristics	■ R1 ■ R2		■ Y1 ■ Y2				■ Y3 ■ Y4	■ V1
	(2x) 696-960		(2x) 1695-2700				(2x) 3550-3700	5150-5925
Frequency Bands (MHz)	696-806	806-960	1695-1880	1850-1990	1920-2200	2300-2700		
Polarization	(2x) ±45°		(2x) ±45°				(2x) ±45°	±45°
Horizontal Beamwidth	360°	360°	360°	360°	360°	360°	360°	360°
Vertical Beamwidth	77.6° ±23°	70.4° ±19.7°	35.3° ± 5.7°	32.6° ± 5.2°	31.3° ± 7.3°	27.5° ± 5.4°	28.8° ± 5.4°	17.9° ± 4.9°
Gain (dBi)	2.9 ± 0.9	2.8 ± 0.6	6.6 ± 0.9	7.1 ± 0.7	6.8 ± 0.9	6.5 ± 1.0	5.3 ± 0.5	Avg. 5.1 Max. 5.8
Electrical Downtilt (°)	(x) 0		(y) 0,2,4,6				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 Between Ports	20 dB		25 dB				25 dB	25 dB
IM3 (2x20W carrier)	< -153 dBc		< -153 dBc				N/A	N/A
Input Power	(4x) 500 W		(4x) 300 W				(4x) 300 W	(2x) 300 W
U-NII Compliant	---		---				---	Yes
Diplexed	No							
Number of Sectors and/or Pattern Shape	Omni							
Lightning Protection	Direct Ground							

Mechanical Characteristics

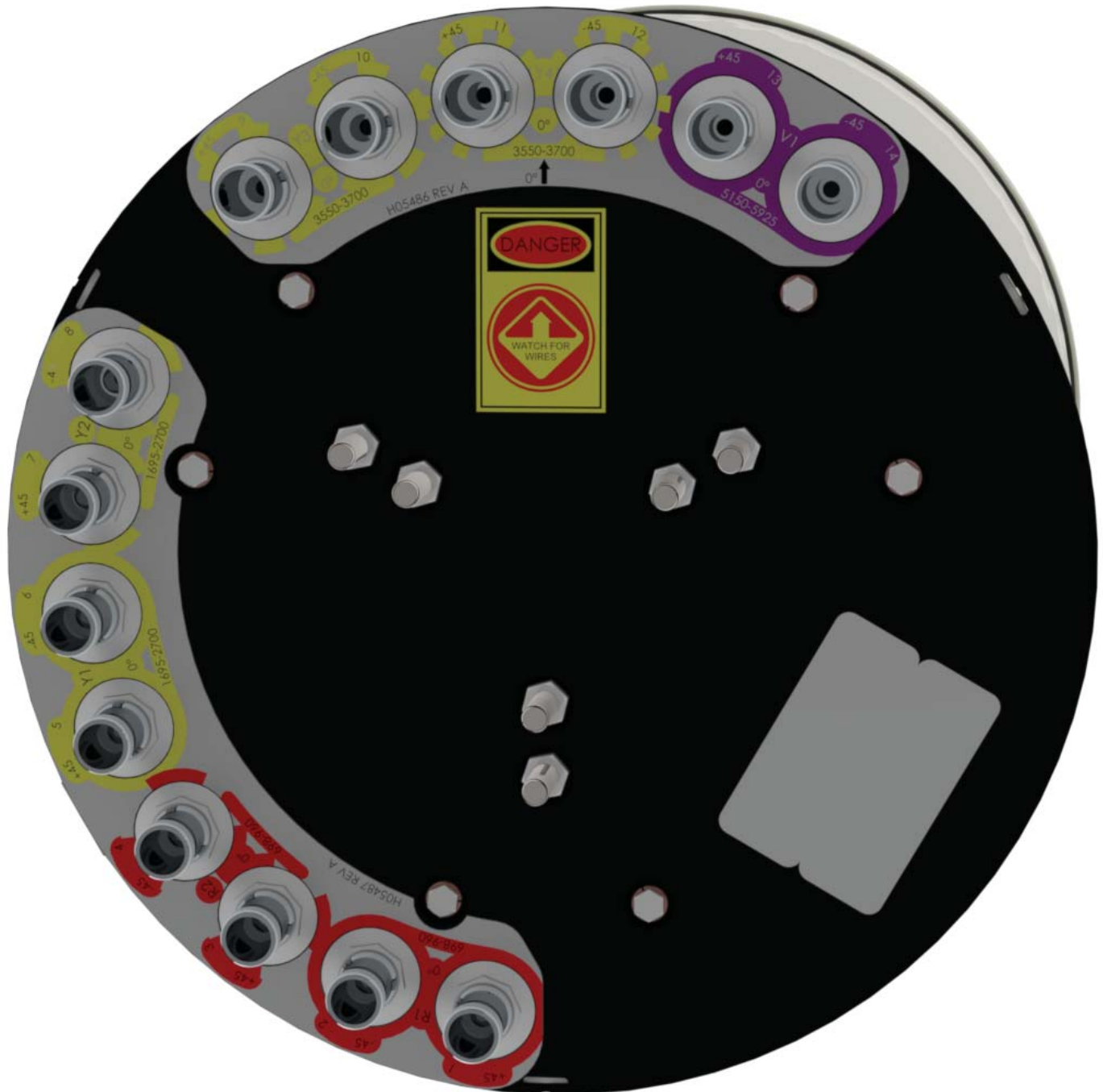
Antenna Dimensions (Height x Diameter)	610 x 371 mm	24.0 x 14.6 in
Weight without Mounting Bracket Kit	11.3 kg	25 lbs
Antenna Volume	0.07 m ³	2.3 ft ³
Survival Wind Speed	241 km/hr	150 mph
Wind Area	0.22 m ²	2.4 ft ²
Wind Load (160 km/hr or 100 mph)	191 N	43 lbf

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

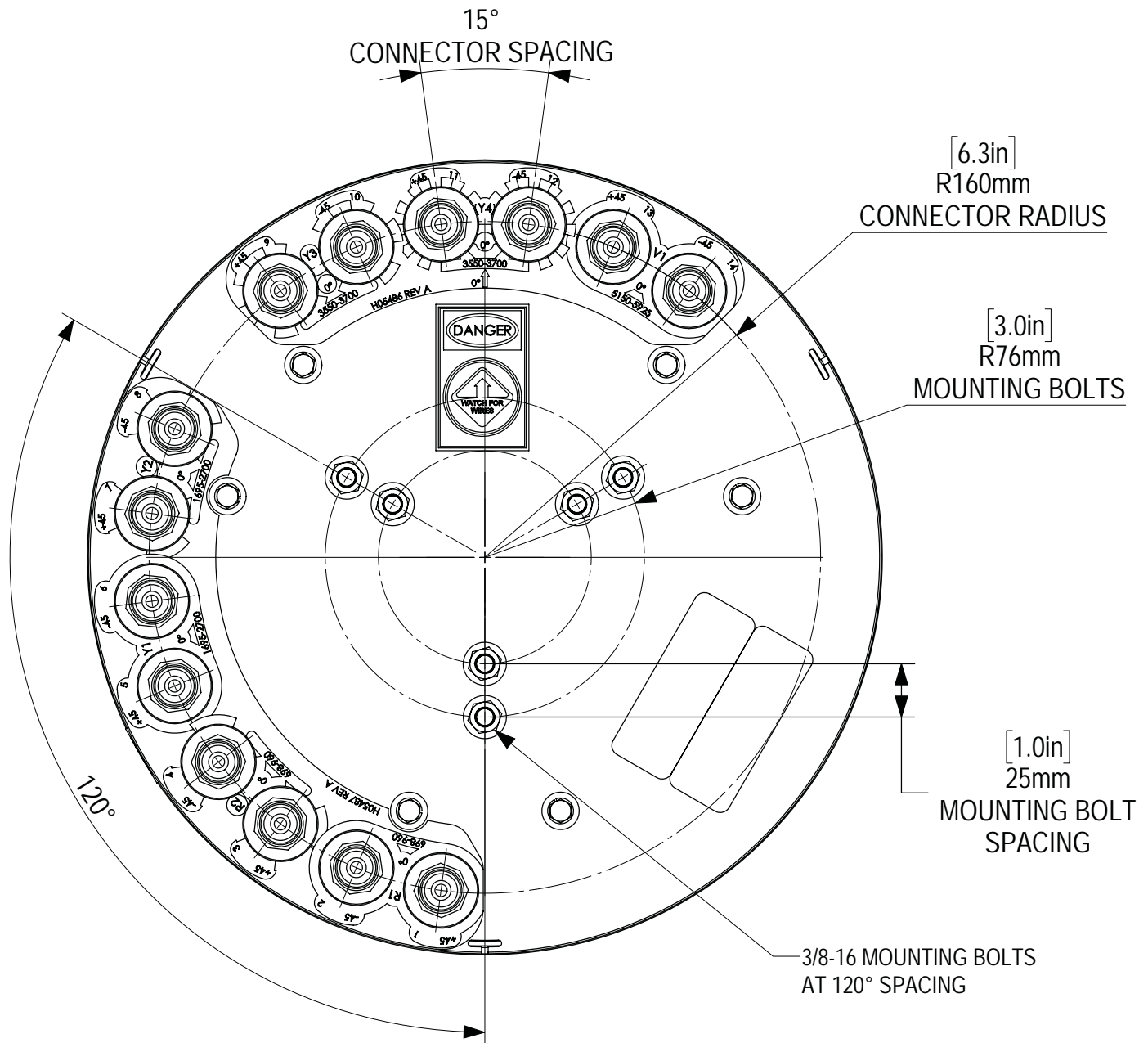


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Bottom View - Connector Diagram



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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 (y)	CBRS/LAA ■ Y3 ■ Y4 ■ V1	
Grey Pantone 420 C	0°	0°	0°	2C2U3MT360X06F 00 s0
	0°	2°	0°	2C2U3MT360X06F 02 s0
	0°	4°	0°	2C2U3MT360X06F 04 s0
	0°	6°	0°	2C2U3MT360X06F 06 s0
Brown Pantone 476 C	0°	0°	0°	2C2U3MT360X06F 00 s0BR
	0°	2°	0°	2C2U3MT360X06F 02 s0BR
	0°	4°	0°	2C2U3MT360X06F 04 s0BR
	0°	6°	0°	2C2U3MT360X06F 06 s0BR
Black RAL 9011	0°	0°	0°	2C2U3MT360X06F 00 s0BK
	0°	2°	0°	2C2U3MT360X06F 02 s0BK
	0°	4°	0°	2C2U3MT360X06F 04 s0BK
	0°	6°	0°	2C2U3MT360X06F 06 s0BK

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
			

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