

C2U3MT360X06F_{xy}s0

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

Features

- Omni configuration with 12 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 12 connectors located at the bottom.

Low Band #1	■ R1	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	■ Y1 ■ Y2	■ Y3 ■ Y4	■ V1
Frequency Bands (MHz)	696-960	(2x) 1695-2700	(2x) 3550-3700	5150-5925
	696-806 806-900	1695-1880 1850-1990 1920-2200 2300-2700		
Polarization	±45°	(2x) ±45°	(2x) ±45°	±45°
Horizontal Beamwidth	360° 360°	360° 360° 360° 360°	360°	360°
Vertical Beamwidth	40.6°±3.8° 34.9°±3.7°	36.8° ±12.3° 29.6° ±5.3° 28.4° ±3.8° 28.8° ±18.9°	33.3° ±6.6°	22.3° ±4.0°
Gain (dBi)	5.6 ±0.6 6.3 ±0.6	6.9 ±1.5 7.3 ±1.1 7.3 ±0.9 7.4 ±1.1	6.6 ±1.5	5.3 ±0.5
Electrical Downtilt (°)	(x) 0, 5	(y) 0, 6	0	0
Impedance	50Ω	50Ω	50Ω	50Ω
VSWR	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1
Upper Sidelobe Suppression	> 13 dB	> 9 dB	> 12 dB	> 15 dB
Isolation Between Ports	20 dB	25 dB	25 dB	25 dB
IM3 (2x20W carrier)	< -153 dBc	< -153 dBc	N/A	N/A
Input Power	(2x) 500W	(4x) 300W	(4x) 30W	(2x) 2W
U-NII Compliant	---	---	---	Yes
Number of Sectors, Sector Spacing and/or Pattern Shape	Omni			
Lightning Protection	Direct Ground			

Mechanical Characteristics

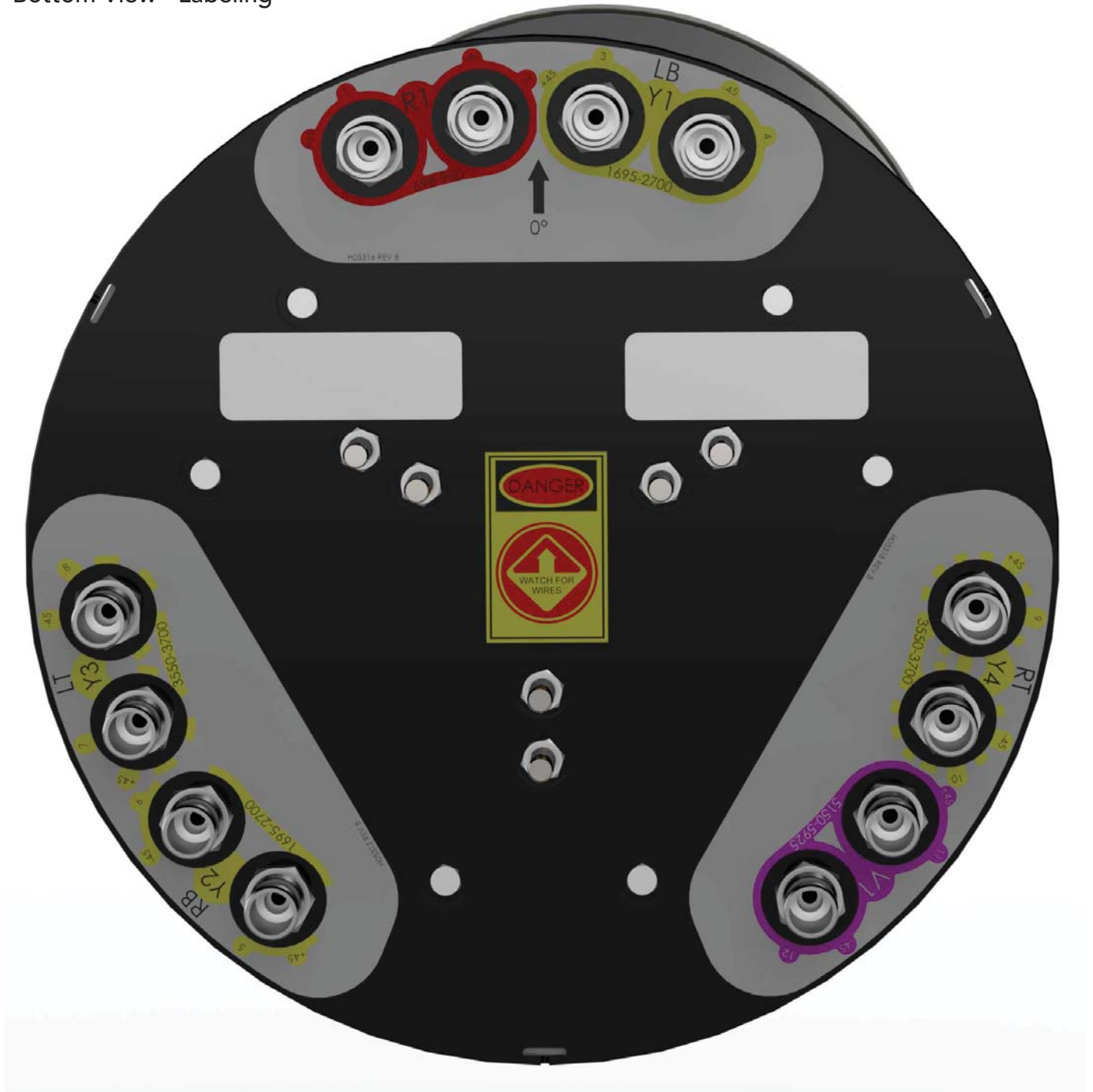
Antenna Dimensions (Height x Diameter)	610 x 371 mm	24.0 x 14.6 in
Weight without Mounting Bracket Kit	11 kg	24.3 lbs
Antenna Volume	0.07 m ³	2.3 ft ³
Survival Wind Speed	241 km/hr	150 mph
Wind Area	0.22 m ²	2.4 ft ²
Wind Load (160 km/hr or 100 mph)	191 N	43 lbf

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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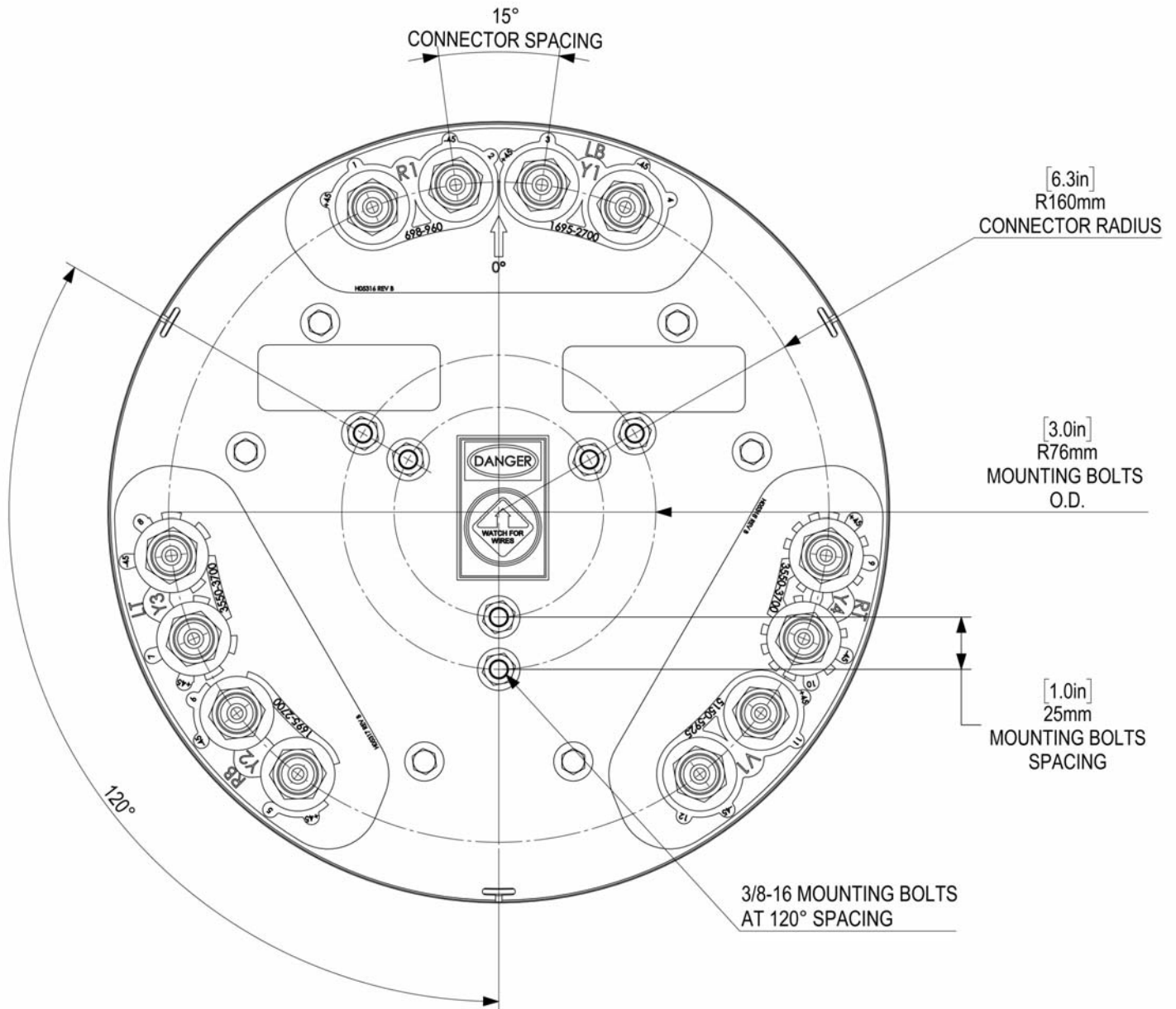
Bottom View - Labeling



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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 the Low and Mid Bands.

Radome Color	Electrical Downtilt Degree		Connector Type
	■ R1 (x)	■ Y1 ■ Y2 (y)	4.3-10 Female
Grey Pantone 420 C	0°	0°	C2U3MT360X06F00s0
	5°	0°	C2U3MT360X06F50s0
	0°	6°	C2U3MT360X06F06s0
	5°	6°	C2U3MT360X06F56s0
Brown Pantone 476 C	0°	0°	C2U3MT360X06F00s0BR
	5°	0°	C2U3MT360X06F50s0BR
	0°	6°	C2U3MT360X06F06s0BR
	5°	6°	C2U3MT360X06F56s0BR
Black RAL 9011	0°	0°	C2U3MT360X06F00s0BK
	5°	0°	C2U3MT360X06F50s0BK
	0°	6°	C2U3MT360X06F06s0BK
	5°	6°	C2U3MT360X06F56s0BK

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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