

# 4U4MT360X12FxyS0

PSEUDO OMNI | CANISTER ANTENNA | X-POL | FIXED TILT | 1219 MM (48.0 IN)



## Features

- Pseudo Omni configuration with 16 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 16 connectors located at the bottom.

Mid Band #1	Y1	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #2	Y2	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #3	Y3	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
Mid Band #4	Y4	Pseudo Omni	1695-2700 MHz	(2x) 4.3-10 Female
High Band #1	Y5	Pseudo Omni	3550-3700 MHz	(2x) 4.3-10 Female
High Band #2	Y6	Pseudo Omni	3550-3700 MHz	(2x) 4.3-10 Female
High Band #3	V1	Pseudo Omni	5150-5925 MHz	(2x) 4.3-10 Female
High Band #4	V2	Pseudo Omni	5150-5925 MHz	(2x) 4.3-10 Female

Electrical Characteristics	Y1, Y2, Y3, Y4				Y5 Y6	V1 V2	
	(4x) 1695-2700				(2x) 3550-3700	(2x) 5150-5925	
Frequency Bands (MHz)	1695-1880	1850-1990	1920-2200	2300-2700			
Polarization	(4x) ±45°				(2x) ±45°	(2x) ±45°	
Horizontal Beamwidth	360°	360°	360°	360°	360°	360°	
Vertical Beamwidth	11.8° ±9.8°	11.1° ±9.1°	11.1° ±9.6°	9.9° ±10.7°	36.8° ±12.4°	21.0° ±4.8°	
Gain	11.6 ±0.8 dBi	11.3 ±0.8 dBi	11.7 ±1.0 dBi	11.9 ±1.2 dBi	4.9 ±0.3 dBi	Avg. 5.1 dBi Max. 5.8 dBi	
Electrical Downtilt (°)	(x) 2, 4, 6				(y) 0	(y) 0	
Impedance	50Ω				50Ω	50Ω	
VSWR	≤ 1.5:1				≤ 1.5:1	≤ 1.5:1	
Upper Sidelobe Suppression	> 13 dB				N/A	> 15 dB	
Isolation	Intraband	25 dB				25 dB	25 dB
	Interband	28 dB				28 dB	28 dB
IM3 (2x20W carrier)	< -153 dBc				N/A	N/A	
Input Power	(8x) 300 W				(4x) 100 W	(4x) 50 W	
U-NII Compliant	---				---	Yes	
Number of Sectors, Pattern Shape	3 Sectors / Pseudo Omni						
Lightning Protection	Direct Ground						

## Mechanical Characteristics

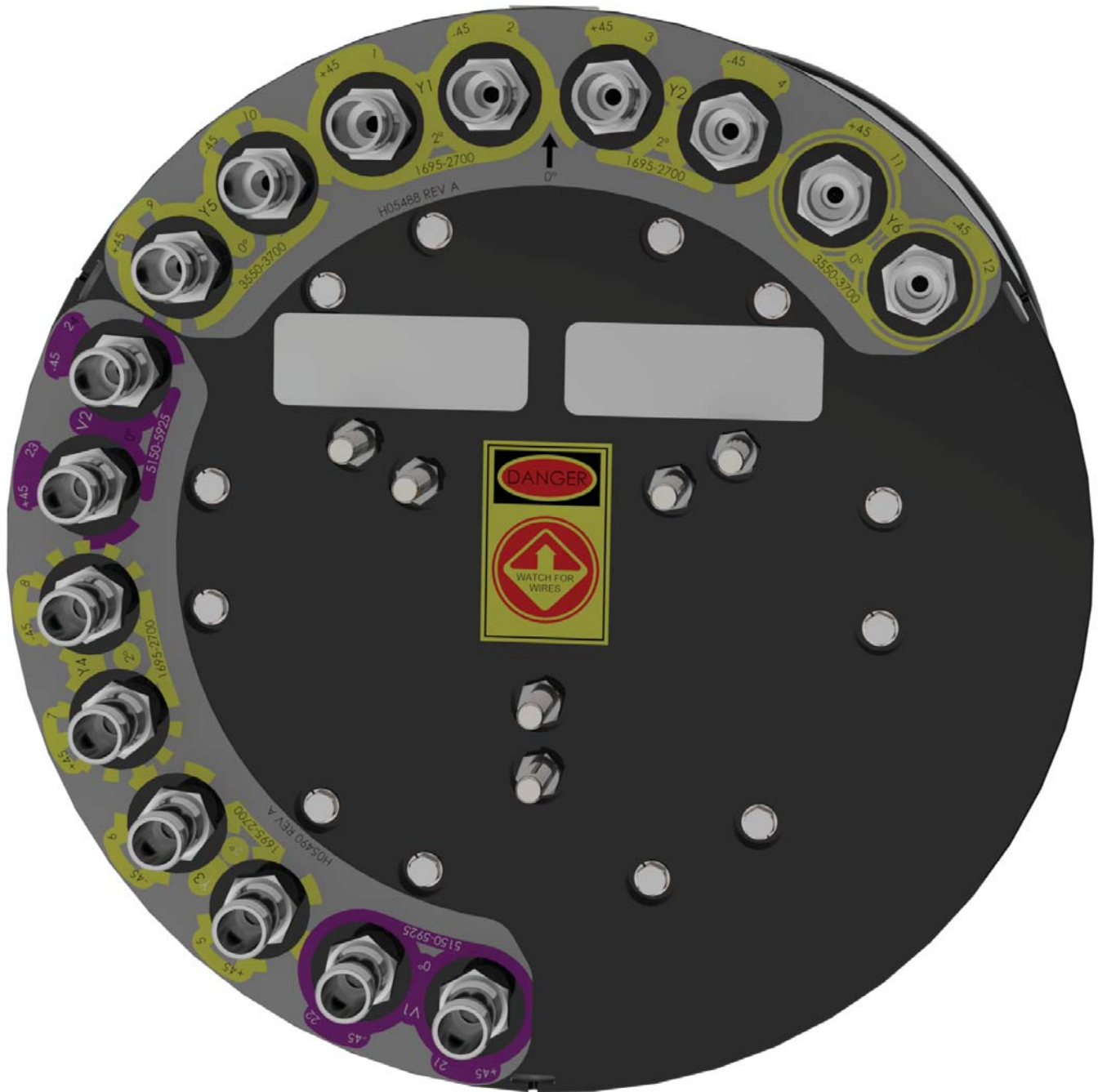
Antenna Dimensions (Height x Diameter)	1219 x 371 mm	48.0 x 14.6 in
Weight without Mounting Bracket Kit	20 kg	44 lbs
Antenna Volume	0.13 m <sup>3</sup>	4.7 ft <sup>3</sup>
Survival Wind Speed	241 km/hr	150 mph
Wind Area	0.47 m <sup>2</sup>	5.0 ft <sup>2</sup>
Wind Load (160 km/hr or 100 mph)	391 N	88 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

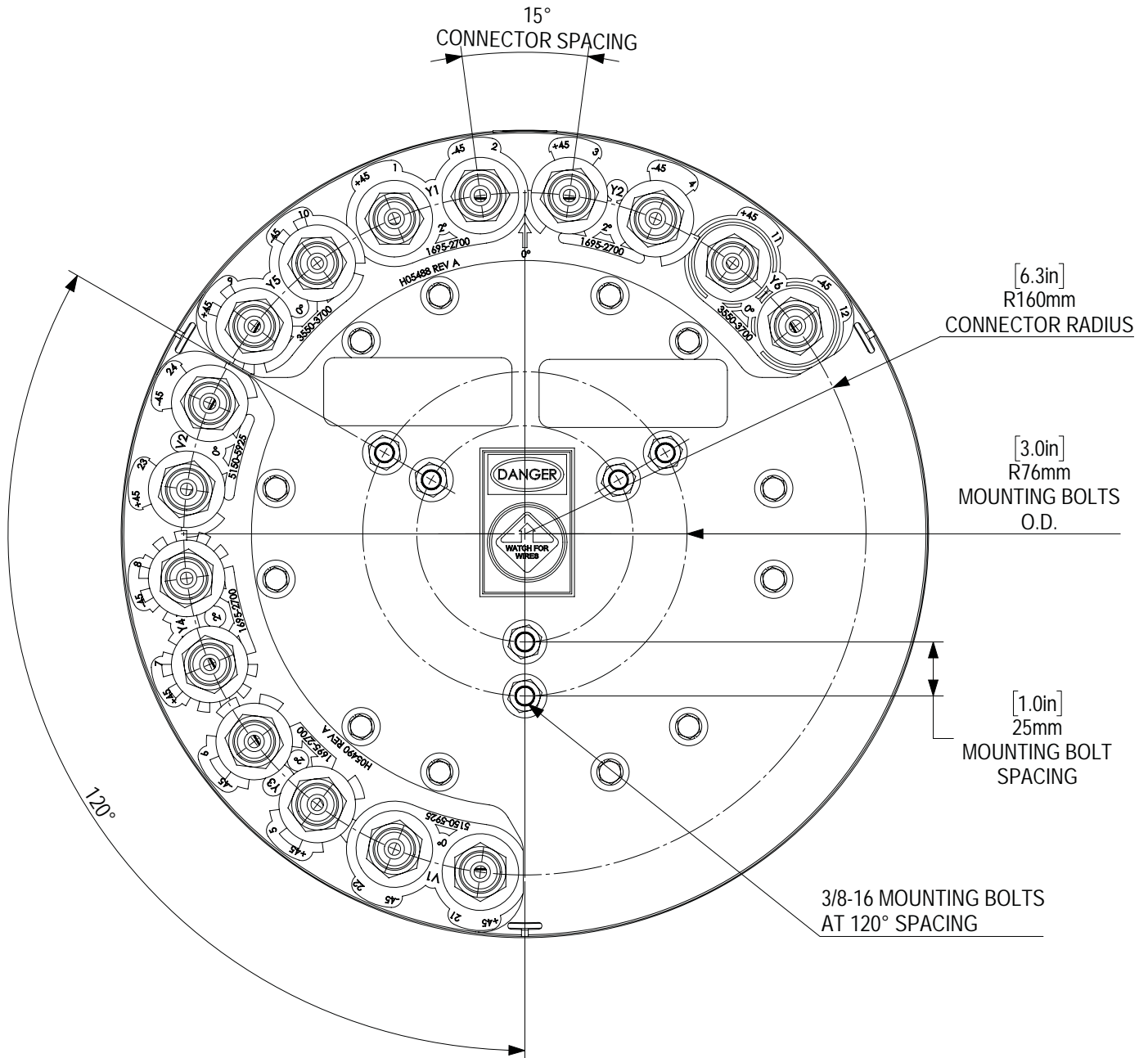


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Bottom View - Connector Diagram



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### Ordering Options

When ordering, select the Radome Color and Degree of Electrical Downtilt ( $xy$ ) for the Mid and High Bands.

Radome Color	Electrical Downtilt Degree		Connector Type
	Mid Band (x)	High Band (y)	4.3-10 Female
Grey (Pantone 420 C)	2°	0°	4U4MT360X12F <b>20</b> s0
	4°	0°	4U4MT360X12F <b>40</b> s0
	6°	0°	4U4MT360X12F <b>60</b> s0
	Y1 and Y2 = 2° Y3 and Y4 = 6°	0°	4U4MT360X12F <b>AA</b> s0
Brown (Pantone 476 C)	2°	0°	4U4MT360X12F <b>20s0BR</b>
	4°	0°	4U4MT360X12F <b>40s0BR</b>
	6°	0°	4U4MT360X12F <b>60s0BR</b>
	Y1 and Y2 = 2° Y3 and Y4 = 6°	0°	4U4MT360X12F <b>AA</b> s0 <b>BR</b>
Black (RAL 9011)	2°	0°	4U4MT360X12F <b>20s0BK</b>
	4°	0°	4U4MT360X12F <b>40s0BK</b>
	6°	0°	4U4MT360X12F <b>60s0BK</b>
	Y1 and Y2 = 2° Y3 and Y4 = 6°	0°	4U4MT360X12F <b>AA</b> s0 <b>BK</b>

### 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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