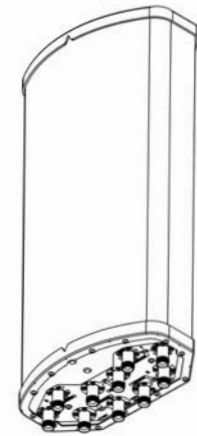


2U3MX065X06F_{xy}s0



Features

- Fixed tilt panel antenna with 10 connectors
- Ultra-wide band performance
- Ideal solution for Small Cell applications
- This antenna meets the requirements of the U-NII

PRODUCT OVERVIEW	Frequency Range (MHz)	MID		CBRS		LAA
		(2x) 1695-2700		(2x) 3550-3700		(1x) 5150-5925
	Array	■ Y1	■ Y2	■ P1	■ P2	■ O1
	Connector	1-2	3-4	5-6	7-8	9-10
	Polarization	XPOL	XPOL	XPOL	XPOL	XPOL
	Electrical Downtilt	2°, 6°, 10°		0°		0°
	Azimuth Beamwidth (avg)	65°		40°		53°
	Total Connector Count	10 PORTS				
	Connector Type	4.3-10 FEMALE				
	Dimensions	617 x 300 x 170 mm (24.3 x 11.8 x 6.7)				

ELECTRICAL SPECIFICATIONS Mid Band

■ Y1 ■ Y2

Frequency Range		MHz	(2x) 1695-2700			
Frequency Sub-Range		MHz	1695-1880	1850-1990	1920-2200	2300-2700
Polarization		---	(2x) ±45°			
Gain	BASTA	dBi	14.3 ± 0.5	14.6 ± 0.4	14.5 ± 0.6	14.3 ± 0.7
	MAX	dBi	14.8	15.0	15.1	15.0
Azimuth Beamwidth (3 dB)		degrees	65.4° ± 5.6°	66.2° ± 3.1°	67.4° ± 4.6°	68.8° ± 4.1°
Elevation Beamwidth (3 dB)		degrees	18.4° ± 1.1°	17.2° ± 0.4°	16.2° ± 1.5°	13.3° ± 1.1°
Electrical Downtilt		degrees	(x) 2°, 6°, 10°			
Impedance		Ohms	50Ω			
VSWR		---	≤ 1.5:1			
Passive Intermodulation 3rd Order for 2x20 W Carriers		dBc	< -153			
Upper Sidelobe Suppression		dB	15			
Maximum Power Per Port		Watts	(4x) 300 W			
Isolation	Intraband	dB	> 25	> 25	> 25	> 25
	Interband	dB	> 28	> 28	> 28	> 28

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ELECTRICAL SPECIFICATIONS CBR5 Band

■ P1 ■ P2

Frequency Range	MHz	(2x) 3550-3700	
Polarization	---	(2x) ±45°	
Gain	BASTA	dBi	10.8 ± 0.8
	MAX	dBi	11.6
Azimuth Beamwidth (3 dB)	degrees	40.2° ± 17.3°	
Elevation Beamwidth (3 dB)	degrees	33.4° ± 3.9°	
Electrical Downtilt	degrees	(y) 0°	
Impedance	Ohms	50Ω	
VSWR	---	≤ 1.5:1	
Passive Intermodulation 3rd Order for 2x20 W Carriers	dBc	N/A	
Upper Sidelobe Suppression	dB	N/A	
Maximum Power Per Port	Watts	(4x) 100 W	
Isolation	Intraband	dB	> 25
	Interband	dB	> 28

ELECTRICAL SPECIFICATIONS LAA Band

■ O1

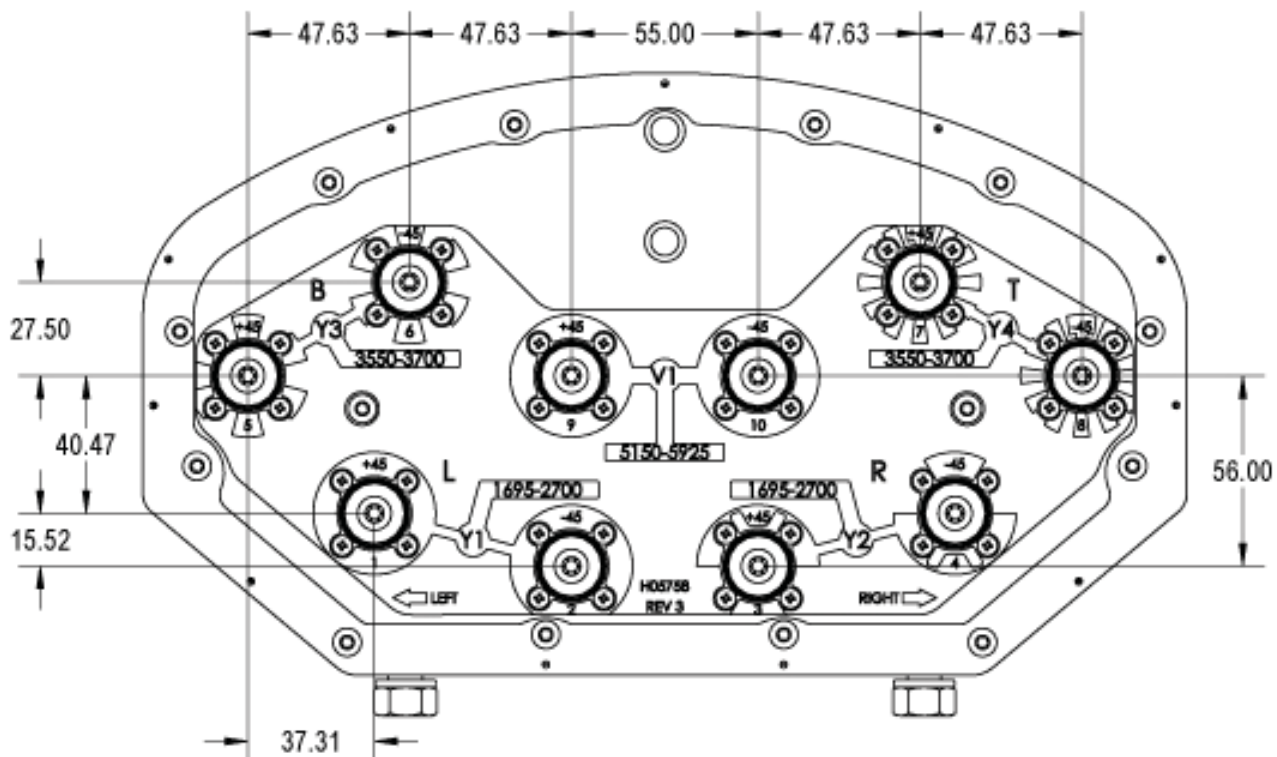
Frequency Range	MHz	(1x) 5150-5925	
Polarization	---	±45°	
Gain	BASTA	dBi	5.1 ± 0.7
	MAX	dBi	5.8
Azimuth Beamwidth (3 dB)	degrees	53.7° ± 6.3°	
Elevation Beamwidth (3 dB)	degrees	22.7° ± 3.2°	
Electrical Downtilt	degrees	(y) 0°	
Impedance	Ohms	50Ω	
VSWR	---	≤ 1.5:1	
Passive Intermodulation 3rd Order for 2x20 W Carriers	dBm (dBc)	N/A	
Upper Sidelobe Suppression	dB	UNI-1 Compliant	
Maximum Power Per Port	Watts	(2x) 50 W	
Isolation	Intraband	dB	> 25
	Interband	dB	> 28

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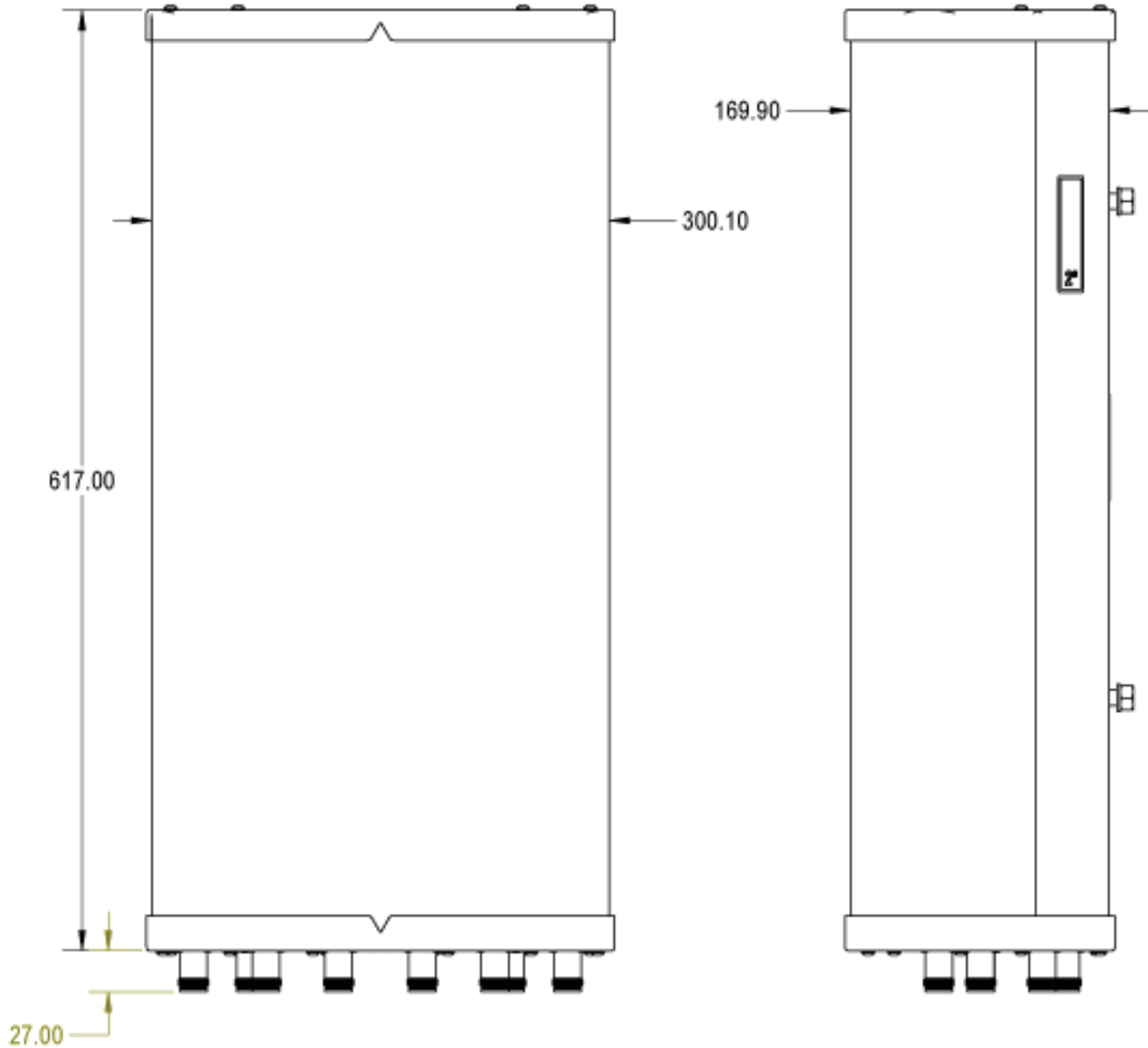
MECHANICAL SPECIFICATIONS

Antenna	Length	mm (in)	617 (24.3)
	Width	mm (in)	300 (11.8)
	Depth	mm (in)	170 (6.7)
Net Weight - Antenna Only		kg (lbs)	5.4 (12)
Windload	Calculation	km/h (mph)	160 (100)
	Front	N (lbf)	231 (52)
	Side	N (lbf)	129 (29)
Survival Wind Speed		km/h (mph)	241 (150)
Wind Area	Front	m ² (ft ²)	0.19 (2.0)
	Side	m ² (ft ²)	0.10 (1.1)
Connector	Type	---	4.3-10 Female
	Quantity	---	10
	Position	---	Bottom
Radome Color		---	Grey
Operating Temperature		degrees	-40 to +60 C (-40 to +140 F)
Lightning Protection (Grounding Type)		---	Direct Ground



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INSTALLATION Please read all installation notes before installing this product.



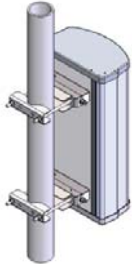
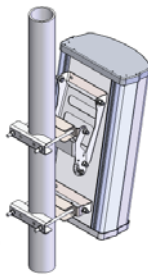

Always attach the antenna using all mounting points.


Do not install the antenna with the connectors facing upwards.

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ACCESSORIES All accessories are ordered separately unless otherwise indicated

MODEL NUMBER	DESCRIPTION	FITS PIPE DIAMETER	WEIGHT
 MKS09P01	2-Point Pole Mounting Bracket Kit	50-115 mm (2.0-4.5 in)	2.9 kg (6 lbs)
 MKS09T01	2-Point Pole Mounting & Downtilt Bracket Kit	50-115 mm (2.0-4.5 in)	4.5 kg (10 lbs)
 11100010	Continuous Adjustment "Stadium" Mounting Bracket Kit - Wall or Pole Mount <i>Allows continuous adjustment of the azimuth and elevation; Straps for Pole Mounting are NOT included.</i>	50-203 mm (2.0-8.0 in)	2.4 kg (5.4 lbs)



The antenna shown in the images at left does not represent the 2U3MX065X06F_{xy}s0. These are generic images used to illustrate the bracket kit.

ORDERING OPTIONS Select from the following ordering options

SELECT DEGREE OF ELECTRICAL DOWNTILT FOR EACH BAND			ORDERING MODEL NUMBER
MID BAND	CBRS BAND	LAA BAND	
2°	0°	0°	2U3MX065X06F ₂₀ s0
6°	0°	0°	2U3MX065X06F ₆₀ s0
10°	0°	0°	2U3MX065X06F ₁₀₀ s0

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