

HTXCWW63111414F_{xy}0



Features

- Tri band, fixed tilt panel antenna, 6 connectors
- Ideal solution for Small Cell applications

PRODUCT OVERVIEW	Frequency Range (MHz)	LOW	MID	
		696-960	1695-2170	1695-2170
	Array	■ R1	■ B1	■ B2
	Connector	1-2	3-4	5-6
	Polarization	XPOL	XPOL	XPOL
	Electrical Downtilt	0°, 2°, 5°	0°, 2°, 4°, 6°	
	Azimuth Beamwidth	65°		
	Total Connector Count	6 PORTS		
	Connector Type	7/16-DIN FEMALE		
	Dimensions	589 x 305 x 180 mm (23.2 x 12.0 x 7.1)		

ELECTRICAL SPECIFICATIONS Low Band

■ R1

Frequency Range	MHz	(1x) 696-960	
Frequency Sub-Range	MHz	696-806	806-960
Polarization	---	±45°	
Gain	MAX	dBi	10.5
Azimuth Beamwidth (3 dB)	degrees		75°
Elevation Beamwidth (3 dB)	degrees		42°
Electrical Downtilt	degrees	(x) 0°, 2°, 5°	
Impedance	Ohms	50Ω	
VSWR	---	≤ 1.5:1	
Front-to-Back Ratio	dB	> 20	
Passive Intermodulation 3rd Order for 2x20 W Carriers	dBc	< -153	
Maximum Power Per Port	Watts	(2x) 500 W	
Isolation Between Ports	dB	> 25	

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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ELECTRICAL SPECIFICATIONS Mid Band

■ B1 ■ B2

Frequency Range	MHz	(2x) 1710-2170			
Frequency Sub-Range	MHz	1710-1880	1850-1990	1900-2170	
Polarization	---	(2x) ±45°			
Gain	MAX	dBi	13.5	14.0	14.0
Azimuth Beamwidth (3 dB)	degrees	65°	70°	75°	
Elevation Beamwidth (3 dB)	degrees	18°	16°	14°	
Electrical Downtilt	degrees	(y) 0°, 2°, 4°, 6°			
Impedance	Ohms	50Ω			
VSWR	---	≤ 1.5:1			
Front-to-Back Ratio	dB	> 25			
Passive Intermodulation 3rd Order for 2x20 W Carriers	dBc	< -153			
Maximum Power Per Port	Watts	(4x) 300 W			
Isolation Between Ports	dB	> 25	> 25	> 25	

MECHANICAL SPECIFICATIONS

Antenna	Length	mm (in)	589 (23.2)
	Width	mm (in)	305 (12.0)
	Depth	mm (in)	180 (7.1)
Net Weight - Antenna Only		kg (lbs)	5.9 (13)
Windload	Calculation	km/h (mph)	160 (100)
	Frontal	N (lbf)	219 (49)
	Side	N (lbf)	129 (29)
Survival Wind Speed		km/h (mph)	241 (150)
Wind Area	Frontal	m ² (ft ²)	0.18 (1.9)
	Side	m ² (ft ²)	0.11 (1.1)
Connector	Type	---	7/16-DIN Female
	Quantity	---	6
	Position	---	Bottom
Radome Color		---	Grey
Lightning Protection (Grounding Type)		---	Direct Ground

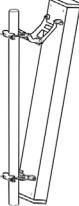
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MOUNTING KITS The default mounting kit is included in the price of the antenna. Any other mounting kits are optional and must be ordered separately.

	MODEL NUMBER	DESCRIPTION	FITS PIPE DIAMETER	WEIGHT
DEFAULT MOUNTING KIT <i>Shipped as standard and included in the price of the antenna</i> 	MKS04T03	2-Point, Scissor Tilt, Mounting & Downtilt Bracket Kit	40-115 mm (1.57-4.5 in)	4.1 kg (9 lbs)
OPTIONAL MOUNTING KIT <i>Must be ordered separately</i> 	MKS04P01	2-Point Mounting Bracket Kit	40-115 mm (1.57-4.5 in)	2.9 kg (6.4 lbs)



The antenna shown in the images at left does not represent the HTXCWW63111414F_{xy}0. 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		MODEL NUMBER
LOW BAND	MID BAND	
0°	0°	HTXCWW63111414F000
0°	2°	HTXCWW63111414F020
0°	4°	HTXCWW63111414F040
0°	6°	HTXCWW63111414F060
2°	0°	HTXCWW63111414F200
2°	2°	HTXCWW63111414F220
2°	4°	HTXCWW63111414F240
2°	6°	HTXCWW63111414F260
5°	0°	HTXCWW63111414F500
5°	2°	HTXCWW63111414F520
5°	4°	HTXCWW63111414F540
5°	6°	HTXCWW63111414F560

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