

HTXCWW4513F<sub>x</sub>00

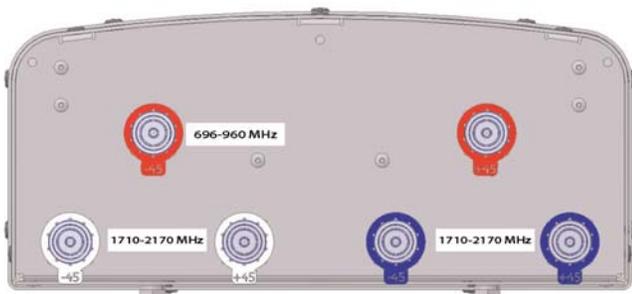
Replace "x" with desired electrical downtilt.

XXX-Pol | Tri Band FET Panel | 45° | 14.0 / 14.0 / 14.0 dBi

Access Ports Description (Connectors)					
The antenna has 6 connectors located at the bottom face and marked with colored rings. See photo below.					
Extended low band	696-960 MHz ports		RED rings	2 x 7/16 DIN Female	
Wide band	1710-2170 MHz ports		WHITE rings	2 x 7/16 DIN Female	
Wide band	1710-2170 MHz ports		BLUE rings	2 x 7/16 DIN Female	
Electrical Characteristics	696-960 MHz (Red)		2 x 1710-2170 MHz (White & Blue)		
Frequency bands (MHz)	696-806	806-960	1710-1880	1850-1990	1900-2170
Polarization	±45°		±45°		
Horizontal beamwidth	45°	39°	50°	50°	45°
Vertical beamwidth	40°	35°	24°	22°	22°
Gain	13.0 dBi	14.0 dBi	13.3 dBi	14.0 dBi	14.0 dBi
Electrical downtilt (x)	0 (Other tilts available upon request)				
Impedance	50Ω		50Ω		
VSWR	≤1.5:1		≤1.5:1		
Front-to-back ratio	> 20 dB	> 20 dB	> 25 dB	> 25 dB	> 25 dB
Isolation between ports	≥ 25 dB		≥ 25 dB		
Input power	500 W		300 W		
IM3 (2x20W carriers)	< -150 dBc		< -150 dBc		
Lightning protection	Direct Ground				
Connector(s)	6 Ports / 7/16 DIN / Female / Bottom				
Mechanical Characteristics					
Dimensions Length x Width x Depth	613 x 407 x 181 mm			24.1 x 16.0 x 7.1 in	
Weight without mounting brackets	5.3 kg			11.7 lbs	
Survival wind speed	241 km/hr			150 mph	
Wind area	Front: 0.25 m <sup>2</sup> ; Side: 0.11 m <sup>2</sup>		Front: 2.7 ft <sup>2</sup> ; Side: 1.2 ft <sup>2</sup>		
Wind loads (160 km/hr or 100 mph)	Front: 305 N; Side: 135 N		Front: 68 lbf; Side: 30 lbf		
Mounting Options	Part Number	Fits Pipe Diameter		Weight	
2-Point Mounting Bracket Kit	MKS04P01	40-115 mm	2.0-4.5 in	2.9 kg	6.4 lbs
2-Point Mounting & Downtilt Bracket Kit	MKS04T03	40-115 mm	2.0-4.5 in	4.1 kg	9.0 lbs



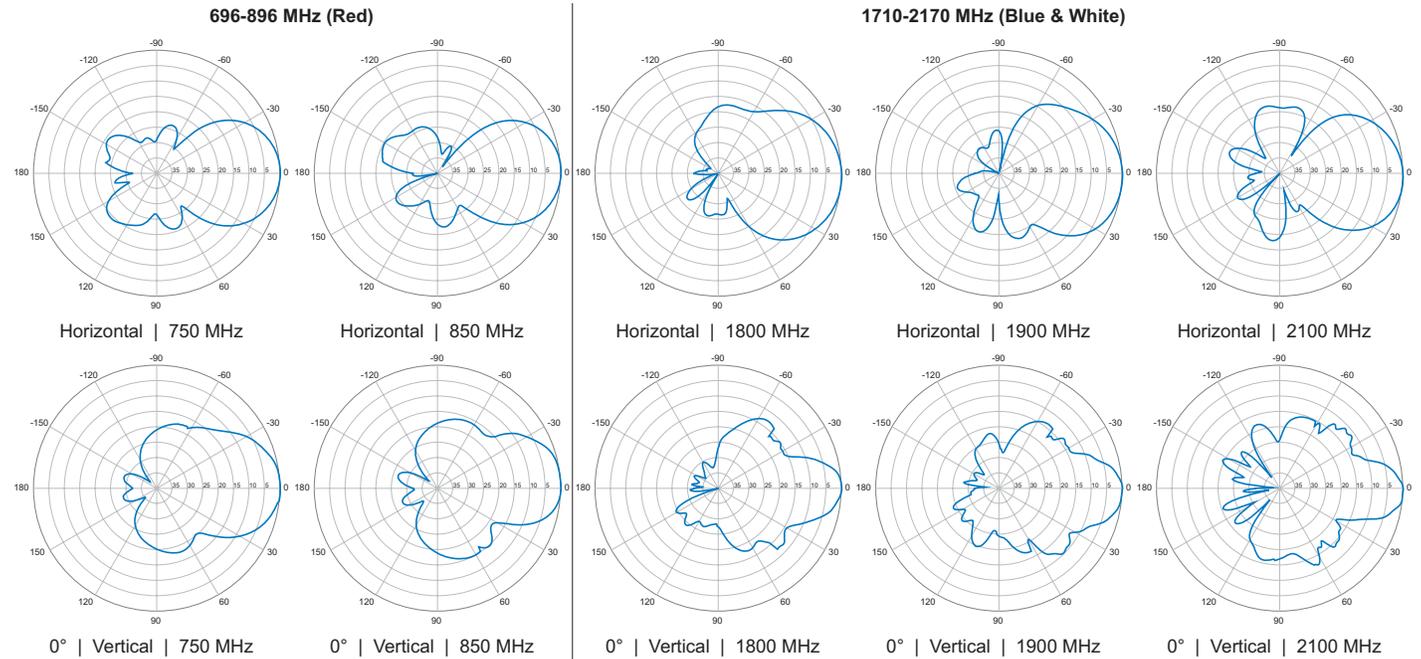
Bottom View



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.

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