

Electrical Specifications			
Frequency range (MHz)	790-960		
	790-862	824-894	880-960
Polarization	Vertical		
Electrical downtilt (°)	0, 2, 4, 6, 8, 10		
Gain (dBi)	16.8	17.0	17.1
1 <sup>st</sup> USLS (Min.) (dB)	18	18	18
Horizontal 3dB beamwidth (°)	68	67	65
Vertical 3dB beamwidth (°)	8.8	8.3	7.8
Front to back, co-polar (Typ.) (dB)	>25		
VSWR   RL (dB)	<1.5   >14		
Max. power per input (W)	300 (at 50° C environmental temperature)		
Intermodulation IM3 (dBc)	≤ -153 (2×20 W carrier)		
Impedance(Ω)	50		
Lightning protection	DC Grounded		



Mechanical Specifications		
Connector	1 × 7/16 DIN Female	
Connector position	Bottom	
Dimensions H×W×D (in)   (mm)	78.6×9.8×3.5 1998×249×89	
Weight (lb)   (kg)	18.7   8.5	
Mechanical downtilt (°)	0-10	
Mast diameter supported (in)   (mm)	2.0-4.5   50-115	
Radome material / color	Fiberglass / Light grey	
Operational temperature (°C)	-55~+65	
Wind load (lbf)   (N)	Front	146.1   650 (at 150 km/h)
	Side	34.9   155 (at 150 km/h)
	Rear	188.8   840 (at 150 km/h)
Max. operational wind speed (mph)   (km/h)	93   150	
Survival wind speed (mph)   (km/h)	124   200	

