

Electrical Specifications			
Frequency range (MHz)	790-960		
	790-862	824-894	880-960
Polarization	Vertical		
Electrical downtilt (°)	0, 2, 4, 6, 8, 10, 12, 14		
Gain (dBi)	12	12.3	12.5
1 st USLS (Min.) (dB)	18	18	18
Horizontal 3dB beamwidth (°)	68	67	65
Vertical 3dB beamwidth (°)	28	26	24
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)		26.7×9.8×3.5 679×249×89
Weight (lb) (kg)		8.8 4.0
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	51.7 230 (at 150 km/h)
	Side	18.0 80 (at 150 km/h)
	Rear	62.9 280 (at 150 km/h)
Max. operational wind speed (mph) (km/h)		93 150
Survival wind speed (mph) (km/h)		124 200

