

Electrical Specifications									
Frequency range (MHz)	790-960								
	790-862			824-894			880-960		
Polarization	±45°								
Electrical downtilt (°)	0 – 10								
Tilt (°)	0	5	10	0	5	10	0	5	10
Gain (dBi)	16.9	17.0	16.7	17.1	17.2	17.0	17.3	17.5	17.1
1 st USLS (Min.) (dB)	17	16	16	17	16	16	17	16	16
Horizontal 3dB beamwidth (°)	69			68			67		
Vertical 3dB beamwidth (°)	7.4			7.2			6.6		
Front to back, co-polar (Typ.) (dB)	>30								
Cross polar ratio (Typ.) (dB)	0°			20					
	±60°			10					
VSWR RL (dB)	<1.5 >14								
Isolation between ports (dB)	≥30								
Max. power per input (W)	500 (at 50° C environmental temperature)								
Intermodulation IM3 (dBc)	≤ -153 (2×20 W carrier)								
Impedance(Ω)	50								
Lightning protection	DC Grounded								



Mechanical Specifications		
Connector	2×7/16 DIN Female	
Connector position	Bottom	
Dimensions H×W×D (in) (mm)	100.79×10.236×5.118 2560×260×130	
Weight (lb) (kg)	38.6 17.5	
Mechanical downtilt (°)	0-12	
Mast diameter supported(in) (mm)	1.969-4.528 50-115	
Radome material / color	PVC / Light grey	
Operational temperature (°C)	-55~+65	
Wind load(lbf) (N)	Front	214.7 955 (at 150 km/h)
	Side	107.9 480 (at 150 km/h)
	Rear	248.4 1105 (at 150 km/h)
Max. operational wind speed (km/h)	150	
Survival wind speed (km/h)	200	

