

Electrical Specifications									
Frequency range (MHz)	790-960								
	790-862			824-894			880-960		
Polarization	±45°								
Electrical downtilt (°)	0 – 14								
Tilt (°)	0	7	14	0	7	14	0	7	14
Gain (dBi)	14.5	14.6	14.3	14.7	14.8	14.4	14.8	15.0	14.6
1 st USLS (Min.) (dB)	16	15	15	16	16	17	16	16	16
Horizontal 3dB beamwidth (°)	67			66			64		
Vertical 3dB beamwidth (°)	14.4			13.9			13.2		
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)	56.102×10.236×5.118 1425×260×130	
Weight (lb) (kg)	25.558 12.5	
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	119.1 530 (at 150 km/h)
	Side	59.6 265 (at 150 km/h)
	Rear	138.2 615 (at 150 km/h)
Max. operational wind speed (km/h)	150	
Survival wind speed (km/h)	200	

