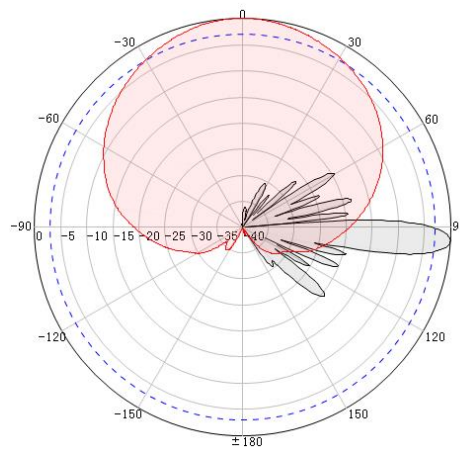


Electrical Specifications									
Frequency range (MHz)	1710-2170								
	1710-1880			1850-1990			1920-2170		
Polarization	±45°								
Electrical downtilt (°)	0 – 10								
Tilt (°)	0	5	10	0	5	10	0	5	10
Gain (dBi)	17.5	17.6	17.5	17.6	17.7	17.6	17.9	18.0	17.8
1 st USLS (Min.) (dB)	17	17	17	17	17	17	16	16	16
Horizontal 3dB beamwidth (°)	66			65			64		
Vertical 3dB beamwidth (°)	7.0			6.6			6.2		
Front to back, co-polar (Typ.) (dB)	>28								
Cross polar ratio (Typ.) (dB)	0°			20					
	±60°			10					
VSWR RL (dB)	<1.4 >15.6								
Isolation between ports (dB)	≥30								
Max. power per input (W)	250 (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)	53.2×6.5×3.5	
	1350×165×90	
Weight (lb) (kg)	13.0 5.9	
Mechanical downtilt (°)	0-17	
Mast diameter supported (in) (mm)	2.0-4.5 50-115	
Radome material / color	PVC / Light grey	
Operational temperature (°C)	-55~+65	
Wind load (lbf) (N)	Front	51.7 230 (at 150 km/h)
	Side	28.1 125 (at 150 km/h)
	Rear	52.8 235 (at 150 km/h)
Max. operational wind speed (mph) (km/h)	93 150	
Survival wind speed (mph) (km/h)	124 200	



1710 -2170 MHz