

Electrical Specifications

Item No.		AB380-500V14i68A		
Frequency Range		MHz	380-450	450-500
Gain		dBi	14	14.5
Polarization			Vertical	
Beam width	Horizontal	deg	68±3	65±3
	Vertical		20±2	18±2
Fixed Electrical Tilt		deg	0	
Front-To-Back Ratio		dB	≥23	
Cross Polar Ratio		dB	0°≥15(±60°≥10)	
VSWR			≤1.5	
Isolation		dB	≥25	
Maximum Power		W	500	
Impedance		Ω	50	
Lightning Protection			DC Ground	

Mechanical Specifications

Dimensions, HxWxD	mm	1980×500×128	
Weight, without Mounting Kit	kg	23	
Radome Material and Color		Fiberglass, Grey	
Connector Type and Location		7/16 DIN Female	
Mounting hardware	mm	φ50~φ115	
Max Wind Speed	km/h	200	
Operational Temperature	oC	-40 to +70	
Operational Humidity	%	5 to 95	
Mechanical Tilt Range	°	0 to 12	

Radiation Patterns

