

Electrical Specifications

Item No.	AB5150-5850L15i120A		
Frequency Range	MHz	5150-5850	
Gain	dBi	15.0±1	
Polarization		V/H	
Beam width	Horizontal	deg	100±15
	Vertical		8±2
Front-To-Back Ratio	dB	≥ 15	
Isolation	dB	≥20	
VSWR		≤2.0:1	
Maximum Power	W	100	
Impedance	Ω	50	
Lightning Protection		Direct Ground	

Mechanical Specifications

Dimensions, HxWxD	mm	450x115x62	
Weight, without Mounting Kit	kg	1.8	
Radome Material		U-PVC	
Connector Type		2* N-Female	
Mounting hardware	mm	Φ50~Φ95	
Maximum Wind Velocity	km/h	210	
Operational Temperature	oC	-40 to +60	
Operational Humidity	%	< 95	

Radiation Patterns

