

**Electrical Specifications**

Item No.		AB698-2690XX11i11i65A				
Frequency Range		MHz	698-806	806-960	1710-2170	2170-2690
Gain		dBi	10.5±1	11±1	10.5±1	11±1
Polarization			±45			
Beam width	Horizontal	deg	68±8	65±8	65±8	63±8
	Vertical		35±8	33±8	35±8	33±8
Front-To-Back Ratio		dB	> 20		> 25	
VSWR			≤1.5:1		≤1.5:1	
Isolation		dB	> 25		> 25	
PIM, 3rd Order, 2 x 20 W,		dBc	-150			
Maximum Power		W	250			
Lightning Protection			Direct Ground			

**Mechanical Specifications**

Dimensions, HxWxD	mm	700x328x148
Weight, without Mounting Kit	kg	7.0
Radome Material and Color		Fiberglass, gray
Connector Type and Location		4 x 7-16 DIN Female, Bottom
Mounting hardware	mm	Φ 50~Φ 115
Operational Wind Speed	Km/h	200
Operational Temperature	oC	-40 to +60
Operational Humidity	%	5~ 95

**Radiation Patterns**

