

Electrical Specifications

Item No.		AB698-2700VV11i11i65A(C)				
Frequency Range		MHz	698-824	824-960	1710-2170	2170-2700
Gain		dBi	10 ± 1	10.5 ± 1	10.5 ± 1	11 ± 1
Polarization			vertical			
Beam width	Horizontal	deg	68 ± 8	65 ± 8	65 ± 8	62 ± 8
	Vertical		38 ± 8	35 ± 8	28 ± 8	25 ± 8
Front-To-Back Ratio		dB	> 18		> 18	
VSWR			≤1.8:1		≤1.8:1	
PIM, 3rd Order, 2 x 20 W,		dBc	-150			
Maximum Power		W	100			
Impedance		Ω	50			

Mechanical Specifications

Dimensions, HxWxD	mm	660x287x132
Weight, without Mounting Kit	kg	4.5
Radome Material and Color		UPVC, RAL7035
Connector Type and Location		1 x 7/16 DIN Female, Bottom
Mounting hardware	mm	Φ50~Φ115
Operational Wind Speed	oC	200
Operational Temperature	%	-40 to +60
Operational Humidity	%	< 95

Radiation Patterns

