



XXXXXPol Panel 698-960/1710-2690/1710-2690/1710-2690/1710-2690 65° /65° /65° /65° /65°  
11/11/11/11/11dB

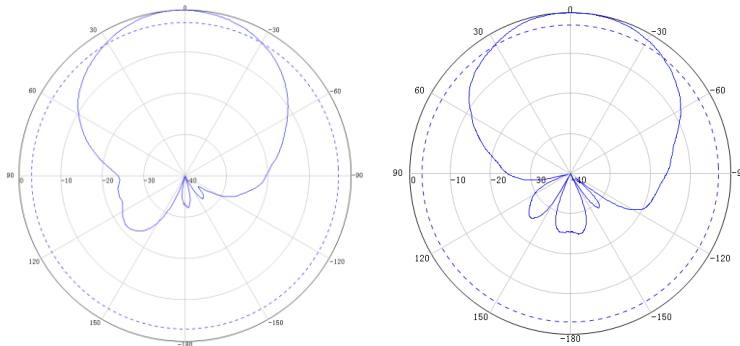
**Electrical Specifications**

Item No.		AB698-2690XXXXX11i11i11i11i11i65B					
Frequency Range	MHz	698-806	806-870	870-960	1710-1880	1880-2170	2170-2690
Gain	dBi	10.5	11.5	12	11	11.5	12.5
Polarization		1 x±45			4 x±45		
Beam width	Horizontal	68±10			65±10		
	Vertical	35±8			33±8		
Front-To-Back Ratio (-180 ± 30)	dB	> 20			> 25		
VSWR		≤1.5:1			≤1.5:1		
Isolation	dB	> 25			> 25		
PIM, 3rd Order, 2 x 43 dBm,	dBc						-150
Maximum Power	W						250
Impedance	Ω						50

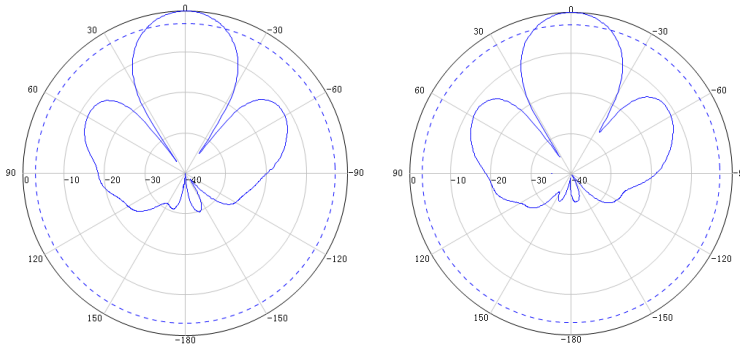
**Mechanical Specifications**

Dimensions, HxWxD	mm	990x328x148					
Weight, without Mounting Kit	kg	10.5					
Radome Material and Color		Fiberglass, gray					
Connector Type and Location		10 x 7-16 DIN Female, Bottom					
Mounting hardware	mm	Φ45~Φ95					
Operational Wind Speed	km/h	200					
Operational Temperature	oC	-40 to +60					
Operational Humidity	%	< 95					

Horizontal pattern



Vertical pattern



900MHz

2170MHz



698-960 (-45°)	1710-2690 (-45°)	1710-2690 (-45°)	1710-2690 (-45°)	1710-2690 (-45°)	698-960 (+45°)	1710-2690 (+45°)	1710-2690 (+45°)	1710-2690 (+45°)	1710-2690 (+45°)
7-16	7-16	7-16	7-16	7-16	7-16	7-16	7-16	7-16	7-16