

**Electrical Specifications**

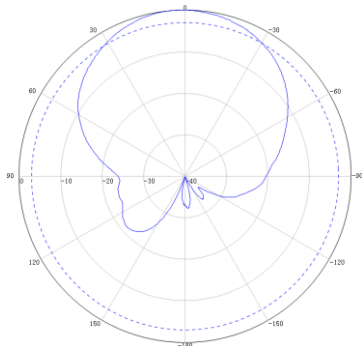
Item No.		AB698-960X8i68A	
Frequency Range		MHz	698-820                      820-960
Gain		dBi	7.5 ± 1                      8 ± 1
Polarization			± 45°
Beam width	Horizontal	deg	68 ± 9
	Vertical		66 ± 7
Front-To-Back Ratio		dB	20                      23
VSWR			≤1.5:1
Isolation		dB	25
PIM, 3rd Order, 2 x 20 W,		dBc	≤-150
Maximum Power		W	200
Impedance		Ω	50
Lightning Protection			Direct Ground

**Mechanical Specifications**

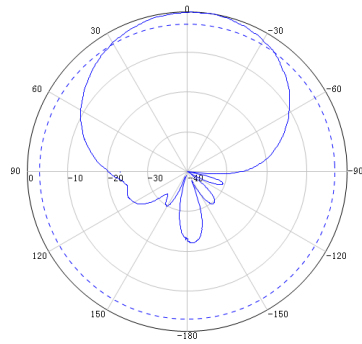
Dimensions, HxWxD	mm	380x328x148
Weight, without Mounting Kit	kg	4.0
Radome Material		Fiberglass
Connector Type and Location		2 x 7/16DIN Female, Bottom
Mounting hardware	mm	Φ 50~Φ 100
Operational Wind Speed	km/h	200
Operational Temperature	oC	-40 to +60
Operational Humidity	%	< 95

**Radiation Patterns**

**Horizontal pattern**



**Vertical pattern**



698-960MHz

