

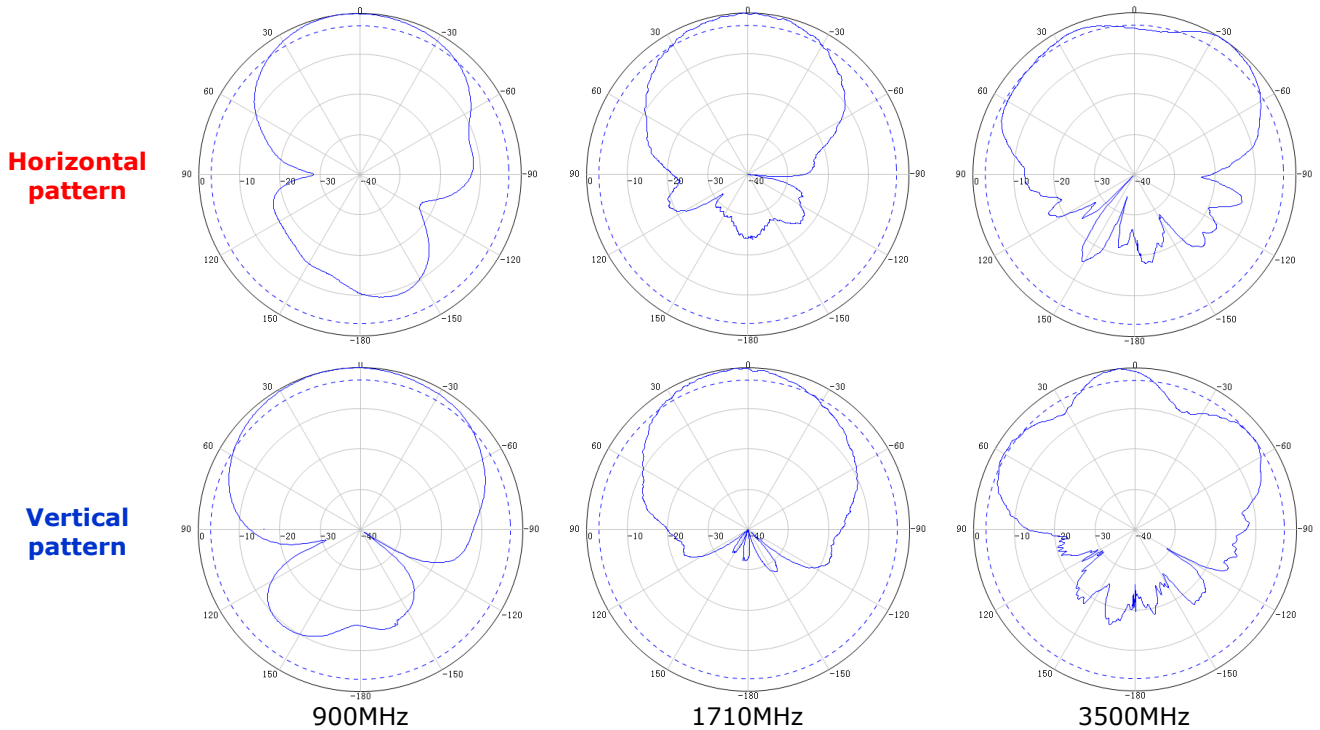
**Electrical Specifications**

Item No.	AI698-4000VH08i75A						
Frequency Range	MHz	698-806	806-960	1710-2170	2200-2700	3400-4000	
Gain	dBi	5±0.5	6±0.5	7±0.5	7.5±0.5	8.5±0.5	
Polarization	Vertical and Horizontal						
Beam width (Typical)	Horizontal	80	80	65	60	55	
	Vertical	73	70	60	60	30	
VSWR	≤2.0						
Isolation	dB	≥16		≥23		≥25	
Front-To-Back Ratio	dB	> 5	> 8	> 10	> 10	> 10	
PIM, 3rd Order, 2 x 20 W,	dBc	-153					
Input Power per Port, maximum	watts	50					
Impedance	ohm	50					

**Mechanical Specifications**

Dimensions, HxWxD	mm	400x180x62				
Weight, without Mounting Kit	kg	1.5				
Radome Material and Color	PVC, White, RAL9003					
Mounting Kit	On-wall					
Connector Type and Location	4.3-10 Female×2					
Operational Temperature	oC	-55 to +60				
Operational Humidity	%	< 95				

**Radiation Patterns**



**Features and Product Description**

- Wideband Directional Antenna ,Two ports of coverage 698MHz - 4000MHz.
- Typically used in indoor distribution of MIMO and LTE services.
- Low return loss, High gain, Stable performance.
- Compact, light-weight and easy to install.
- PIM<-153dBc @ 2x20 W.

