

# MIMO WIDE BAND IN-BUILDING PANEL ANTENNA 698 -2700MHz

## KPM-68HWN-1-78-A



### **ELECTRICAL SPECIFICATIONS**

Antenna Model	KPM-68HWN-1-78-A			
Frequency Range	MHz	698-806	806-960	1710-2700
Gain	dBi	6.5	7	7.5
Polarization		±45°		
Beam width	Horizontal	78	73	73
	Vertical	68	60	65
Front-To-Back Ratio	dB	≥15	≥15	≥25
VSWR		≤2.0		≤1.5
Isolation	dB	>20		>23
PIM, 3rd Order, 2 x 20 W,	dBc	≤-150		
Input Power per Port, maximum	watts	50		
Impedance	ohm	50		

### **Mechanical Specifications**

Dimensions, HxWxD	Mm (in)	305x186x63 (12.0x7.3x2.4)
Weight, without Mounting Kit	kg (lb)	0.7(1.5)
Radome Material and Color		ABS, White, RAL7035
Mounting Kit		On-wall
Connector Type and Location		N-Female×2
Operational Temperature	Celsius	-55 to +60
Operational Humidity	%	< 95
Shipping Dimensions, HxWxD	Mm (in)	360x210x90 (14.2x8.3x3.5)
Shipping Weight	kg (lb)	0.7 (1.5)

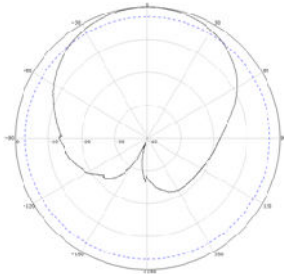
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**Radiation Patterns**

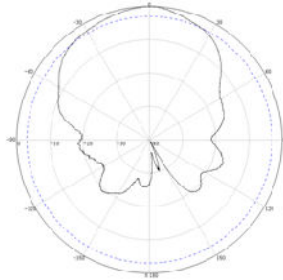
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**Horizontal**

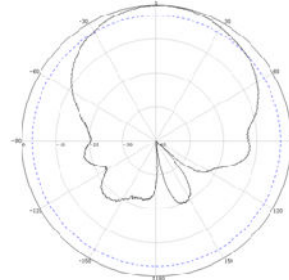
900Mhz



1710MHz

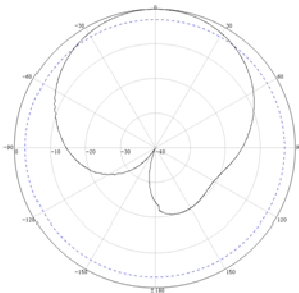


2500MHz

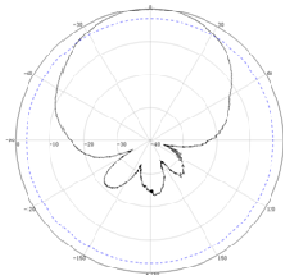


**Vertical**

900Mhz



1710MHz



2500MHz

