

DP-2A2J2Z00-F3A Data Sheet v1.0

XXXXXX Pol,698-960/698-960/1695-2690/1695-2690/3300-4200/3300-4200MHz

65/65/65/65/65/65 Horizontal Beamwidth,7.0/7.0/12.0/12.0/12.0/12.0dB

E-tilt:0/0/3/3/3/3

0.5m 12-Port 2L2M2H Antenna

Electrical Properties(BASTA 11.1)

Frequency Band(MHz)	698-960(R1,R2)		1695-2690(Y1,Y2)			3300-4200(P1,P2)	
	698-820	820-960	1695-2200	2300-2400	2490-2690	3300-3800	3800-4200
Polarization	±45°		±45°			±45°	
Gain(dBi)	6.8±0.5	7.2±0.5	11.5±0.5	12.0±0.5	12.5±0.5	12.5±0.5	13.0±0.5
Horizontal 3dB Beam Width(°)	75±5	70±5	63±5	70±5	67±5	68±5	63±5
Vertical 3dB Beam Width(°)	75±5	70±5	23±3	20±3	18±3	26±4	24±3
Front to Back Ratio at 180±30°(dB)	22		22			22	
Cross Polar Ratio at 0°(dB)	15		15			15	
Cross Polar Ratio Sector ±60°(dB)	10		10			10	
Downtilt(°)	0		3			3	
VSWR	< 1.5		< 1.5			< 1.5	
Cross-polar Isolation(dB)	>20		>25			>25	
Interband Isolation(dB)			>20				
3rd Order PIM(dBc) @2 x 43dBm	< -153		< -153			/	
Impedance(Ω)	50		50			50	
Power Handling(W)	150		150			100	

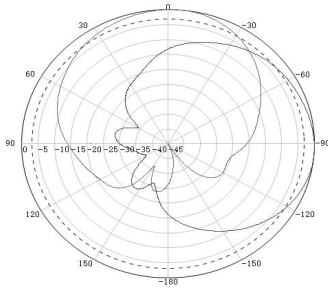
Mechanical Specifications

Antenna Dimensions (HxWxD) (mm)	500 x 350 x 200
Packing Dimensions (HxWxD) (mm)	600 x 440 x 315
Lightning Protection	DC Ground
Antenna Weight (kg)	7.5
Packed Weight (kg)	9
Connector	12 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	240/253/144
Maximum Wind Speed(km/h)	241
Diameter of Installation Pole(mm)	Φ30-Φ60
Operating Temperature Range(°C)	-40-+65
RET Type	/
RET Protocols	/

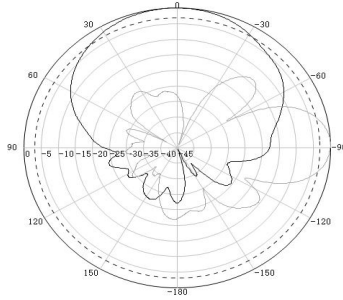


Pattern sample for reference

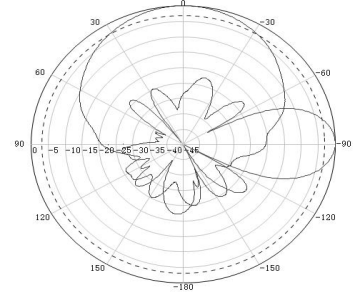
698-960(R1,R2)



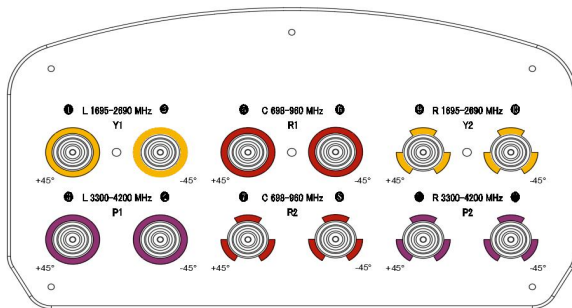
1710-2690(Y1,Y2)



3300-4200(P1,P2)



Layout of interface



Accessories

Item	Model	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	MJM-001-1101A	0.8kg	-15-15°	1