

DP-AJ2Z00-F3A Data Sheet v0.1

XXXX Pol,694-960/1695-2690/3300-3800/3300-3800MHz
 65/65/65/65 Horizontal Beamwidth,10.0/11.0/12.0/12.0dBi
 E-tilt:3/3/3/3
 0.6m 8-Port 1L1M2H Antenna

Electrical Properties(BASTA 11.1)

Frequency Band(MHz)	694-960(R1)		1695-2690(Y1)			3300-3800(P1,P2)	
	694-820	820-960	1695-2200	2300-2400	2490-2690	3300-3600	3600-3800
Polarization	±45°		±45°			±45°	
Gain(dBi)	9.8±0.5	10.3±0.5	11.2±0.5	11.5±0.5	12.0±0.5	11.8±0.5	12.2±0.5
Horizontal 3dB Beam Width(°)	70±5	67±5	70±5	65±5	62±5	68±5	63±5
Vertical 3dB Beam Width(°)	34±5	30±5	32±4	28±3	26±4	30±4	28±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(°)	3		3			3	
VSWR	< 1.5		< 1.5			< 1.5	
Cross-polar Isolation(dB)	>25		>25			>25	
Interband Isolation(dB)			>25				
3rd Order PIM(dBc) @2 x 43dBm	< -153		< -153			/	
Impedance(Ω)	50		50			50	
Power Handling(W)	150		100			50	

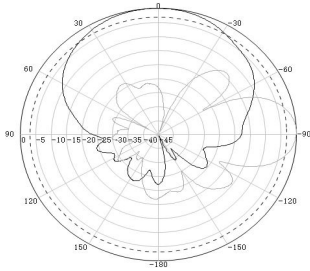
Mechanical Specifications

Antenna Dimensions (HxWxD) (mm)	595 x 380 x 150
Packing Dimensions (HxWxD) (mm)	755 x 470 x 255
Lightning Protection	DC Ground
Antenna Weight (kg)	10.5
Packed Weight (kg)	15.5
Connector	8 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	310/327/129
Maximum Wind Speed(km/h)	241
Diameter of Installation Pole(mm)	Φ50-Φ110
Operating Temperature Range(°C)	-40-+65
RET Type	/
RET Protocols	/

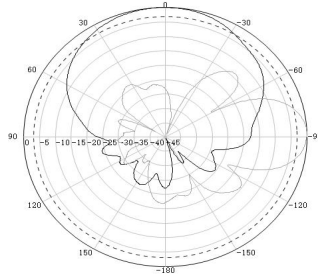


Pattern sample for reference

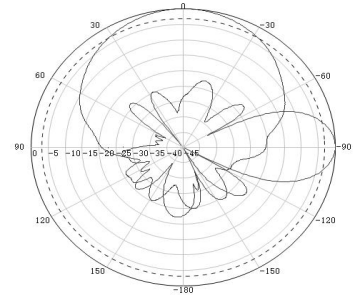
698-960(R1)



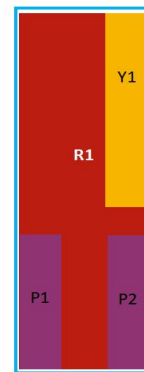
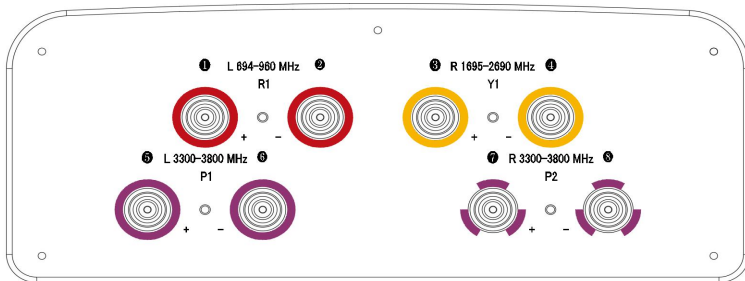
1710-2690(Y1)



3300-3800(P1,P2)



Layout of interface



Accessories

Item	Model	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	MJM-014-1101	2.3kg	0-10°	1