



Electrical Specifications

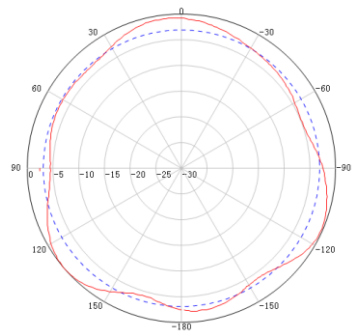
Item No.	AQ698-960X8.5i360A		
Frequency Range	MHz	698-806	806-960
Gain	dBi	8±1	8.5±1
Polarization		±45°	±45°
Beam width	Horizontal	360	
	Vertical	15±3	13±3
Electrical downtilt	°	2(fixed)	
VSWR		≤1.5	
Isolation	dB	≥25	
PIM, 3rd Order, 2 x 20 W,	dBc	≤-150	
Input Power per Port, maximum	watts	300	
Impedance	ohm	50	
Lightning Protection		Direct Ground	

Mechanical Specifications

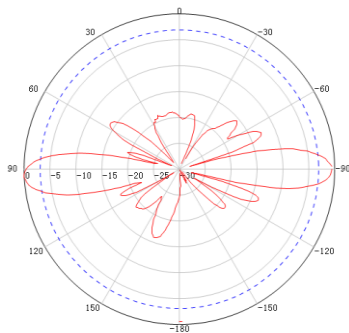
Connector Type		2× 4.3-10 Female	
Antenna Dimensions (Height x Diameter)	mm	1450x355	
Weight, without Mounting Kit	kg	18.8	
Radome Material		Fiberglass	
Operational / Max Wind Speed	km/hr	200	
Wind Load @150 km/h	N	610	
Operational Temperature	°C	-40 to +60	
Operational Humidity	%	5~95	

Radiation Patterns

Horizontal pattern



Vertical pattern



880MHz

