

Dual Polarization Directional Antenna for 698 - 960 MHz

Version 1.0

SAA13-330370

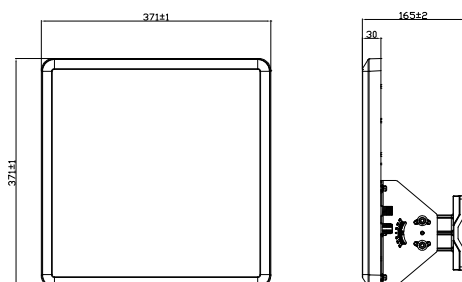
Electrical Specification

	Port H	Port V
Frequency range	698 - 960 MHz	
Gain	4-6 dBi	
VSWR	2.5 : 1 Max.	
Polarization	Linear, Horizontal	Linear, Vertical
HPBW/horizontal	50°-75°	60°-75°
HPBW/vertical	60°-75°	50°-75°
Sidelobes level	-12 dB Max.	
Front-to-back ratio	-15 dB Max.	
Isolation	20 dB Min.	
Input impedance	50 Ohm	
Cable	N/A	
Connector	N jack x2	
Power handling	10 W (cw)	
Lightning protection	DC ground	

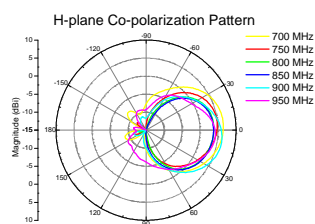


Environmental & Mechanical Characteristics

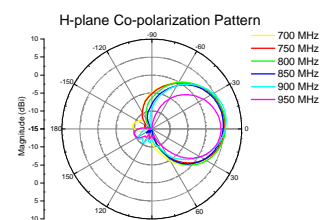
Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95% @ 55°C
Radome color	Gray-white
Radome material	PC, UV resistant
Weight	2.58 kg
Dimensions	371 x 371 x 165 mm
Waterproof	IPX7
Mount kit	Pole mount & Wall mount



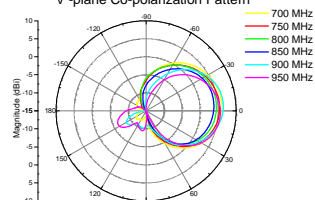
Port H



Port V



V-plane Co-polarization Pattern



V-plane Co-polarization Pattern

