

# Dual Polarization Directional Antenna for 5150 - 5875 MHz

Version 1

## SAA08-200700

### Electrical Specification

Frequency range	5150 - 5875 MHz
Gain	13 - 14 dBi
VSWR	2.0 : 1 (max.)
Polarization	Linear, $\pm 45^\circ$
Horizontal HPBW	$53^\circ - 68^\circ$
Vertical HPBW	$12^\circ - 14^\circ$
Sidelobes level	-12 dB (max.)
Front-to-back ratio	-18 dB (max.)
Isolation	20 dB (min.)
Input impedance	50 Ohm
Cable	N/A
Connector	SMA jack $\times 2$
Power handling	10 W (cw)
Lightning protection	N/A

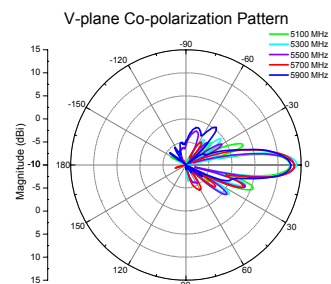
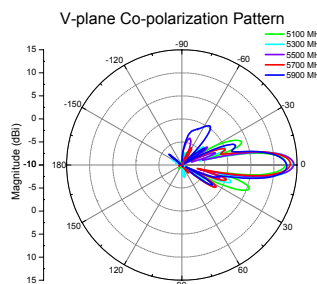
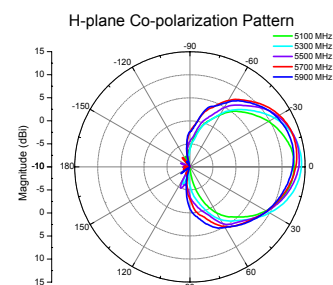
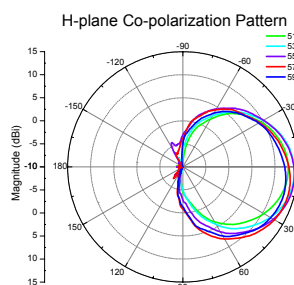


### Environmental & Mechanical Characteristics

Survival wind speed	N/A
Temperature	$-10^\circ\text{C}$ to $+55^\circ\text{C}$
Humidity	95% @ $55^\circ\text{C}$
Radome color	White
Radome material	ABS, UV resistant
Weight	250 g
Dimensions	330 x 93 x 21.4 mm
Waterproof	N/A
Mount kit	Wall mount & Window mount

$+45^\circ$

$-45^\circ$



# Product Drawing

GENERAL TOLERANCE RANGE	
□ INJECTION(射出件)	X=±0.5 X.X=±0.3 X.XX=±0.2
■ ASSEMBLY(組合作件)	X=±5 X.X=±2 X.XX=±1
ANGLES: X=±2°	
UNIT : MM	

