

# Dual Polarization Directional Antenna for 2300 - 2700 MHz

Version 1

## SAA08-050680

### Electrical Specification

Frequency range	2300 - 2700 MHz
Gain	10.5 dBi (typ.)
VSWR	2.0 : 1 (max.)
Polarization	Linear, $\pm 45^\circ$
Horizontal HPBW	$63^\circ - 67^\circ$
Vertical HPBW	$22^\circ - 27^\circ$
Sidelobes level	-8 dB (max.)
Front-to-back ratio	-25 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

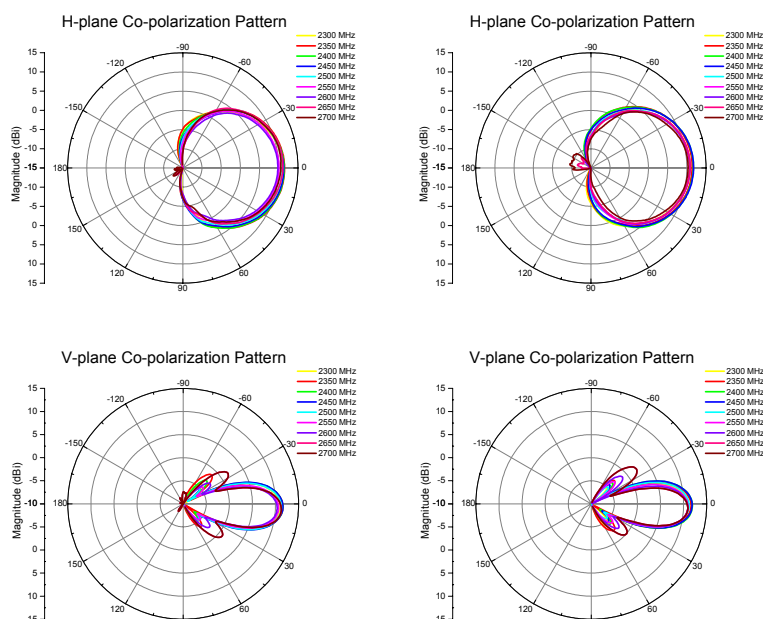


### Environmental & Mechanical Characteristics

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	200 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	

