

Dual Polarization Directional Sector Antenna for 2300 - 2700 MHz

Version 1

SAA09-050410

Electrical Specification

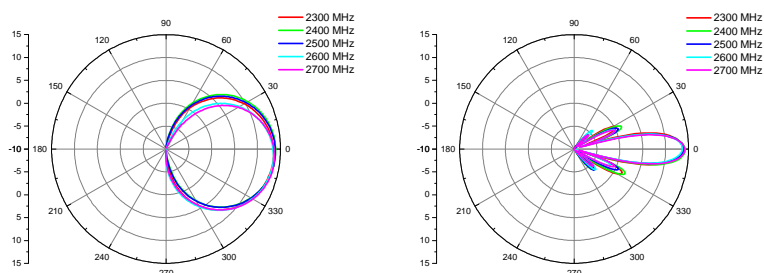
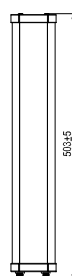
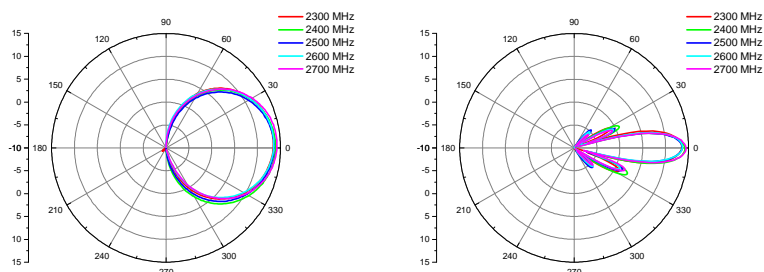
Frequency range	2300 - 2700 MHz
Gain	13.5 - 14.5 dBi
VSWR	2.0 : 1 (Max.)
Polarization	Linear, $\pm 45^\circ$
Horizontal HPBW	$50^\circ \pm 5^\circ$
Vertical HPBW	$15^\circ \pm 2^\circ$
Front-to-back ratio	-25 dB (Max.)
Isolation	-20 dB (Min.)
Input impedance	50 Ohm
Cable	N/A
Connector	N jack x 2
Power 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
Radome material	ABS, UV Resistant
Weight*	1.76 kg
Dimensions	503 x 112 x mm
Waterproof	IP-X5
Mounting kit	Wall Mount & Pole Mount

*Exclusive of mounting kit.



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	

