

# Dual Polarization Directional Antenna for 2400- 2500 MHz

Version 2.0

## SAA10-050100

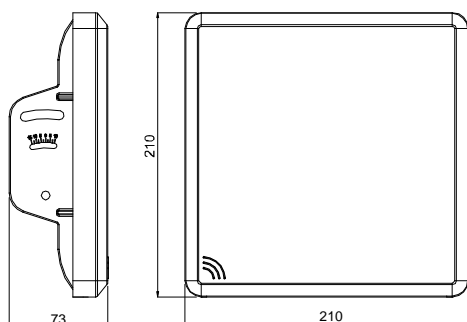
### Electrical Specification

Frequency range	2400 - 2500 MHz
Gain	13 ~ 13.5 dBi
VSWR	2.0 : 1 (Max.)
Polarization	Cross polarization $\pm 45^\circ$
Horizontal HPBW	33°
Vertical HPBW	35°
Side-lobe Level	-13 dB
Front-to-back ratio	-25 dB (Max.)
Isolation	20dB
Input impedance	50 Ohm
Cable	ULA168, 150mm * 2
Connector	N Jack x2
Power handling	10 W (cw)
Lightning protection	DC ground

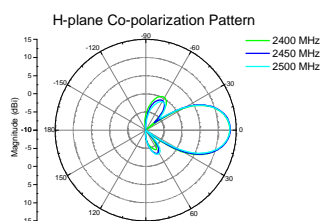


### Environmental & Mechanical Characteristics

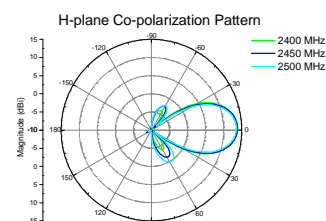
Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95% @ 55°C
Radome color	Gray - White
Radome material	ABS, UV resistant(UL94 HB)
Weight*	800 g
Dimensions	210 x 210 x 73 mm
Waterproof	IP-X5
Mount kit	Pole mount & Wall mount



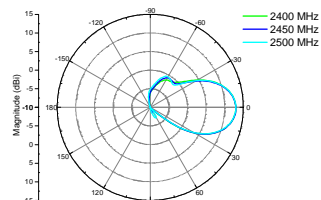
Port 1



Port 2



V -plane Co-polarization Pattern



V -plane Co-polarization Pattern

