

# Dual Polarization Directional Antenna for 2300 - 2700 MHz

Version 1.0

## SAA10-050060

### Electrical Specification

Frequency range	2300 - 2700 MHz	
Gain	2300 - 2400 MHz	2400 - 2700 MHz
	13 - 14 dBi	15 dBi
VSWR	2.0 : 1 Max.	
Polarization	Linear, $\pm 45^\circ$	
Horizontal HPBW	21.0°-25.4°	
Vertical HPBW	18.7°-23.2°	
Isolation	16 dB Min.	
Sidelobe Level	-10 Db	
Fron to Back Ratio	-30 dB Max.	
Input impedance	50 Ohm	
Cable	Port 1	Port 2
	RG 178, 30cm	RG 178, 13cm
Connector	IPEX	
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	3910 g
Dimensions	305 x 305 x 110 mm
Waterproof	IP-X5
Mount kit	Pole Mount

