

Triple Polarization Directional Antenna for 2400 - 2500 MHz

Version 2.0

SAA08-050490

Electrical Specification

Frequency range	2400 - 2500 MHz	
Gain	14.5 - 15 dBi for Port 1 & Port 2	13 - 14 dBi for Port 3
VSWR	2 : 1 Max.	
Polarization	Linear, $\pm 45^\circ$	Linear, Horizontal
HPBW/horizontal	39° - 48°	32° - 37°
HPBW/vertical	19° - 20°	19°
Sidelobes level	-10 dB Max.	-7 dB Max.
Front-to-back ratio	P1:19 dB Max. P2:14 dB Max. P3:10 dB Max.	
Isolation	Port 1 to Port 2 : 20dB Min. Port 1 to Port 3 : 20dB Min. Port 2 to Port 3 : 15dB Min.	
Input impedance	50 Ohm	
Cable	N/A	
Connector	N jack x 3	
Power handling	20 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	PC, UV Resistant(UL94 V-2)
Weight*	1.14 kg
Dimensions	320 x 320 x 43 mm
Waterproof	IP-57
Mount kit	Wall Mount & Pole Mount

*Exclusive of mounting.kit

