

High Gain Directional Sector Antenna

Version 3

for 4900 - 5875 MHz

SAA04-200010

Electrical Specification

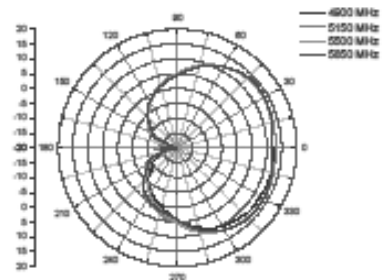
Frequency range	4900 - 5150 MHz	5150 - 5875 MHz
Gain	12.5 dBi	13.5 dBi
VSWR	2.0 : 1 (Max.)	2.0 : 1 (Max.)
Polarization	Linear, vertical	Linear, vertical
HPBW / horizontal	120°	120°
HPBW / vertical	6°	6°
Electrical downtilt	0°	0°
Power handling	50W (cw)	50W (cw)
Impedance	50 Ohm	50 Ohm
Connector	N jack	N jack



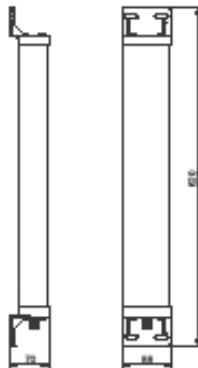
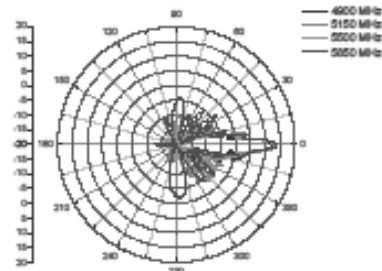
Environmental & Mechanical Characteristics

Survival wind speed	216 km/hr
Temperature	- 40°C to +80°C
Humidity	95% @ 55° C
Lightning protection	DC ground
Radome color	Gray
Radome material	ABS, UV resistant
Weight	0.55 kg
Dimensions	88 x 70 x 620 mm

H-plane Co-polarization Pattern



V-plane Co-polarization Pattern



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