

Bi-Directional Antenna for 5725 - 5875 MHz SAA05-200750

Version 1.0

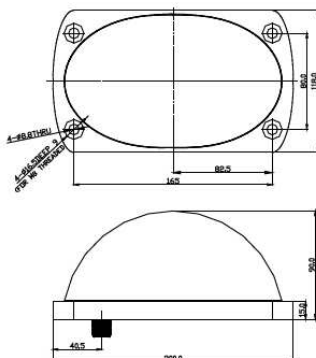
Electrical Specification

| | |
|----------------------|------------------|
| Frequency range | 5725 - 5875 MHz |
| Gain* | 7 dBi |
| VSWR | 1.5 : 1 Max. |
| Polarization | Linear, vertical |
| HPBW/horizontal | 60° |
| HPBW/vertical | 21° |
| Standard compliance | N/A |
| Front-to-back ratio | N/A |
| Isolation | N/A |
| Power handling | 20 W (cw) |
| Input impedance | 50 Ohm |
| Cable | N/A |
| Connector | N jack |
| Lightning protection | N/A |

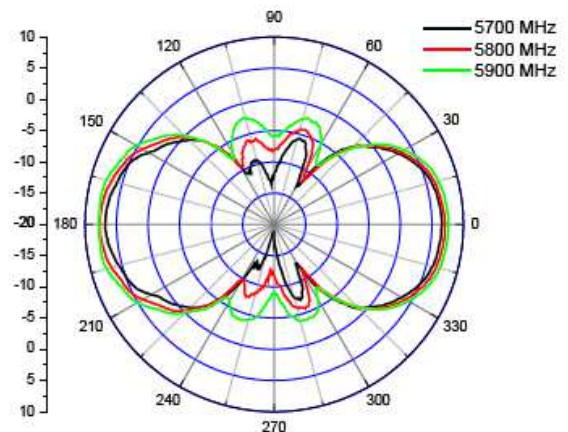
*Using a 50*50 cm² flat ground plane

Environmental & Mechanical Characteristics

| | |
|---------------------|--|
| Survival wind speed | 216 km/hr |
| Temperature | -40°C to +80°C |
| Humidity | 95% @ 55°C |
| Radome color | White |
| Radome material | PC, UV resistant |
| Weight | 980 g |
| Dimensions | 200 x 118 x 90 mm |
| Waterproof | IP-X5 |
| Shock & Vibration | EN61373, Class B, used on rolling stock |
| Mount kit | N/A |



H-Plane Co-polarization Pattern



V-Plane Co-polarization Pattern

