

# Explosion-proof Omni Directional Antenna for 2400-2500 / 5150-5875 MHz

Version 1.0

## SAA17-220140

### Electrical Specification

Frequency range	2400 - 2500MHz	5150 - 5875MHz
Peak Gain	3.5 dBi	7.0 dBi
Average Gain	2.3 dBi	5.0 dBi
VSWR	2.0 : 1 Max.	
Polarization	Linear, Vertical	
HPBW/horizontal 3dB	360°	360°
HPBW/vertical 3dB	50°	25°
Sidelobes level	-5 dB	-5 dB
Front-to-back ratio	N/A	
Isolation	N/A	
Input impedance	50 Ohm	
Cable	N/A	
Connector	N plug	
Power handling	2 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	White
Radome material	Glass Fiber, UV Resistant
Weight	100 g
Dimensions	φ 22 x 172 mm
Waterproof	IPX8
Mount kit	N/A

