

Desktop Antenna for WLAN & Bluetooth

Version 1

SAA05-050410

Electrical Specification

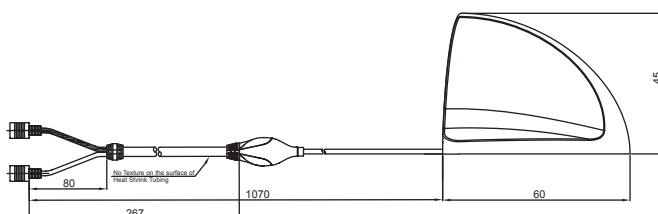
Antenna	WLAN	Bluetooth
Frequency range	2400 MHz - 2500 MHz	2400 MHz - 2500 MHz
Peak gain ¹	1 dBi	-5 dBi
Average gain ²	0 dBi	-8 dBi
VSWR	2.0 : 1 Max.	2.5 : 1 Max.
Polarization	Linear, vertical	Linear, horizontal
Isolation	25 dB Min.	
Impedance	50 Ohms	
Connector	Quick RP SMA Plug	
Cable	ULA 100, 107 cm, Black	ULA 100, 30 cm, Blue



1,2. Excluding cable loss; ULA100 1.3dB/m @2.4GHz

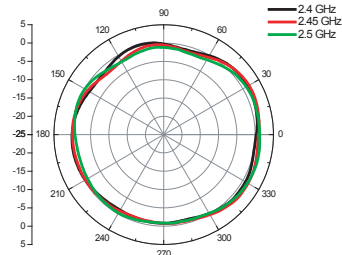
Environmental & Mechanical Characteristics

Temperature	- 10°C to +55°C
Humidity	95% @ 55°C
Radome color	Black
Radome material	PP
Weight	60 g
Dimensions	WLAN Antenna, 60 x 59.8 x45 mm



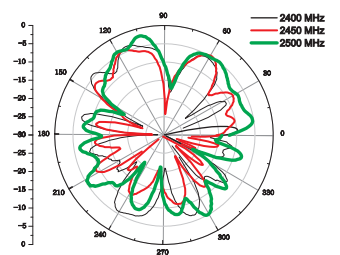
WLAN Antenna

XY-plane Co-polarization Pattern

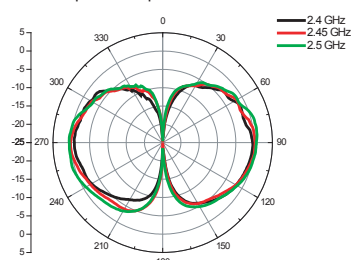


Bluetooth Antenna

XY-plane Co-polarization Pattern



YZ-plane Co-polarization Pattern



YZ-plane Co-polarization Pattern

