



WISA90-9

The Vertically Polarized Sector antenna systems offered by Wireless Interactive Comm., Inc. are constructed of UV stable fiberglass radomes for extremely long service life in the most demanding conditions. The antennas are constructed using corrosion resistant metal elements which are more stable than PCB based antenna systems because they don't absorb moisture, which can degrade the performance of PCB based antenna systems. The 17dB sector comes with a stainless steel scissor bracket system for ease of installation and aligning. The 9dBi sector comes with a galvanized steel bracket with stainless steel hardware.

### APPLICATIONS

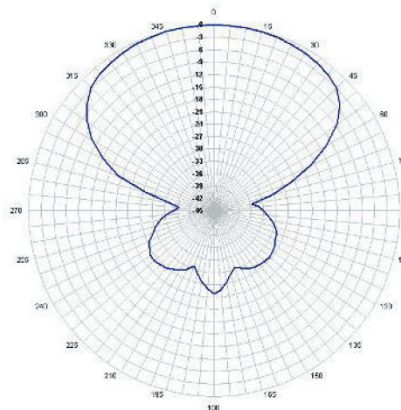
- 2.4GHz ISM Band Applications
- Base Station Antennas
- 802.11b and 802.11g Wireless Systems
- Wireless Broadband Systems
- Wi-Fi Access Points
- Point to Multi-point Systems

### SPECIFICATIONS

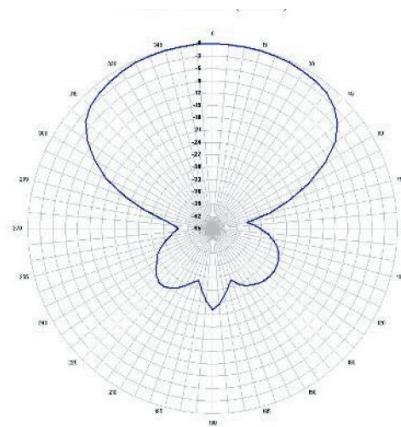


WISA90-17

<b>Weight</b>	<b>WISA90-9</b>	1.56 lbs (0.7 kg)
	<b>WISA90-17</b>	9.9 lbs (4.5 kg)
<b>Dimensions (LxWxH)</b>	<b>WISA90-9</b>	10 x 6.5 x 2.5 in (254 x 165 x 63.5 mm)
	<b>WISA90-17</b>	38 x 6.5 x 2.5 in (965 x 165 x 63.5 mm)
<b>Input Return Loss</b>		-14 dB
<b>Antenna Frequency Range</b>		2400-2483 MHz
<b>Gain</b>	<b>WISA90-9</b>	9.5 dBi
	<b>WISA90-17</b>	17 dBi
<b>Beamwidth</b>	<b>WISA90-9</b>	HPOL 90 degrees ; VPOL 40 degrees
	<b>WISA90-17</b>	HPOL 90 degrees ; VPOL 7 degrees
<b>Polarization</b>		Vertical
<b>VSWR</b>		≤ 1.5 : 1
<b>Maximum Input Power</b>		100 W
<b>Impedance</b>		50 Ohms



90-9 Horizontal Plane



90-17 Horizontal Plane