



WISA120-9

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

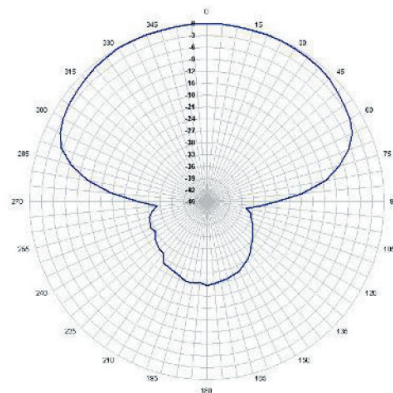
2.4GHz ISM Band Applications
 Base Station Antennas
 802.11b and 802.11g Wireless Systems
 Wireless Broadband Systems
 Wi-Fi Access Points
 Point to Multi-point Systems



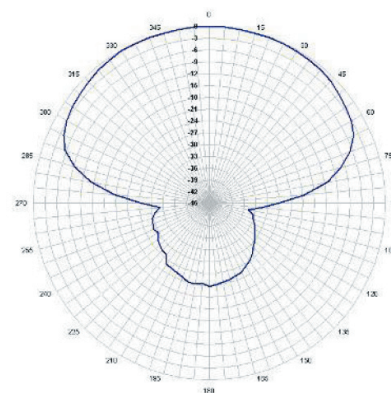
WISA120-16

SPECIFICATIONS

Weight	WISA120-9	1.56 lbs (0.7 kg)
	WISA120-16	9.9 lbs (4.5 kg)
Dimensions (LxWxH)	WISA120-9	10 x 6.5 x 2.5 in (254 x 165 x 63.5 mm)
	WISA120-16	38 x 6.5 x 2.5 in (965 x 165 x 63.5 mm)
Input Return Loss	-14 dB	
Antenna Frequency Range	2400-2483 MHz	
Gain	WISA120-9	9 dBi
	WISA120-16	16.4 dBi
Beamwidth	WISA120-9	HPOL 120 degrees ; VPOL 40 degrees
	WISA120-16	HPOL 120 degrees ; VPOL 7 degrees
Polarization	Vertical	
VSWR	≤ 1.5 : 1	
Maximum Input Power	100 W	
Impedance	50 Ohms	



120-9 Horizontal Plane



120-16 Horizontal Plane