



The WISA-5 series sector antennas are excellent for deploying point to point backhaul, or multipoint subscriber applications. This antenna design uses the latest PCB technology for high performance, lower cost and compact size. In addition to WiFi, these antennas can effectively be deployed in smart highway or DSRC applications.

These antennas are compact. Conventional pole mounting can be used, for quick and uncomplicated network deployment. Surface/wall mounting is also accommodated with the assembly. The adjustable mounting bracket allows easy alignment. Pole mounted, the antenna can be adjusted 360 degree around the pole, as well as 20 degree vertical swing (+/- 10 degrees from center). Wall mounted, the antenna would be fixed side to side, but still maintains the ability to swing 20 degrees on the vertical. When positioned parallel to a wall, the front surface stands off approximately 5 inches (13 cm).

The antenna housing is a very attractive white ABS plastic and is designed to be unobtrusive in any indoor or outdoor environment. These models are 100% weatherproof and can withstand the harshest conditions. The antenna terminates with an integral Female N connector. Wireless Interactive can provide cable assemblies/jumpers in a variety of cable types. External lightning protection is recommended (to protect the radio) for outdoor mounting.

**SPECIFICATIONS**

<b>Gain</b>	16 dBi (120-16) 17 dBi (90-17) 22 dBi (30-22)	<b>Max. Wind Velocity</b>	125 mph (200 kph)
<b>Frequency Range</b>	5000 - 6000 MHz	<b>Material</b>	White ABS radome
<b>Vertical Beamwidth</b>	10 degrees	<b>Mounting</b>	Pole & surface mount with provided U-bolt 20 degree vert. adjustment
<b>Horizontal Beamwidth</b>	120 degrees (120-16) 90 degrees (90-17) 30 degrees (30-22)	<b>Bracket</b>	
<b>Front to Back</b>	25 dB or better	<b>Connector</b>	N-Female
<b>Maximum Input Power</b>	200 W	<b>Net Weight</b>	1 lbs. (0.45 kg)
<b>Impedance</b>	50 OHM	<b>Dimensions</b>	12.5" x 3" 317.5 x 76.2 mm
		<b>Warranty</b>	1 year