



The Horizontally Polarized Sector antenna systems offered by Wireless Interactive Comm., Inc. are constructed of UV stable ABS plastic radomes and heavy galvanized brackets for long service life in the most demanding conditions. The Horizontal Polarization allows for reduced interference potential in systems which are installed in areas with high levels of vertically polarized RF noise or where the system manager wants to avoid potential future problems with interference. The super heavy duty bracket system is easy to install and adjust for up to 30 degrees of down tilt.

APPLICATIONS

5.8GHz U-NII Band Applications
 Point-to-Multipoint Systems
 Base Station Antennas
 Wireless Broadband Systems

SPECIFICATIONS

Weight	10 lbs (4.5 kg)
Dimensions	31 x 6.5 x 2.5 in (790 x 165 x 51mm)
Input Return Loss	-14 dB
Antenna Frequency Range	5725-5850 MHz
Gain	WISAH58-90-17 17 dBi WISAH58-120-16 16 dBi
Beamwidth	WISAH58-90-17 HPOL 90 degrees ; VPOL 8 degrees WISAH58-120-16 HPOL 120degrees ; VPOL 8 degrees
Polarization	Horizontal or Vertical
VSWR	≤ 1.5 : 1
Maximum Input Power	100 W
Impedance	50 Ohms

INTEGRATED ANTENNA PATTERNS AT 5.8 GHz

