



WISA24

The sector antenna systems offered by Wireless Interactive are constructed from rigid aluminum extrusion, these units are powder coated and sealed with PTFE (Teflon) tape providing lightweight, rigid, weather-proof units. They feature 50 ohm passive feeds that come standard with type N female connectors. Two different bracket systems are offered with these antennas: A) The super heavy duty single point galvanized bracket system is designed for ease of installation and pole-top mounting B) The all stainless steel 2 point scissor bracket gives increased stability and improved downtilt adjustment accuracy. Both brackets offer 10deg of mechanical downtilt. The N connector is positioned on the front/transmission side of the sector.

APPLICATIONS

2.4GHz ISM Band Applications
 Wireless Base Stations
 Wireless Broadband
 Wi-Fi Base Stations
 Wireless Internet
 802.11b, 802.11g and 802.16

SPECIFICATIONS

Weight	WISA24-12	6 lbs (2.72 kg)
	WISA24-16	9 lbs (4.1 kg)
Input Return Loss	-14 dB	
Antenna Frequency Range	2400-2483 MHz	
Gain	WISA24-12	12 dBi
	WISA24-16	16.5 dBi
Beamwidth	WISA24-12	HPOL 95 degrees ; VPOL 18 degrees
	WISA24-16	HPOL 95 degrees ; VPOL 7 degrees
Polarization	Horizontal	
VSWR	≤ 1.5 : 1	
Maximum Input Power	100 W	
Impedance	50 Ohms	

INTEGRATED ANTENNA PATTERNS AT 2450 MHZ

