Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

Huber+Suhner Sencity 8dBi Dual-Band Omni WiFi Antenna, 2.4GHz & 5GHz

SKU
ANT-HS-00009
MPN
1399.17.0111

Description

The Huber+Suhner Sencity 8dBi Dual-Band Omni WiFi Antenna (SKU: ANT-HS-00009) is engineered for robust performance across dual frequency bands, 2.4GHz and 5GHz, making it ideal for various communication applications. With an IP68 rating, this antenna withstands harsh environmental conditions, operating reliably in temperatures from -40°C to 80°C. Constructed from durable ASA Plastic and Stainless Steel (304), it promises longevity and resilience.

This antenna is designed with a 1x1 SISO configuration, featuring a single N Female RF connection. It supports a 50 Ω impedance and handles up to 300 W of input power, making it suitable for demanding wireless networking scenarios. Its vertical polarisation and omnidirectional azimuth beamwidth of 360° ensure optimal signal coverage.

The antenna's performance is notable in multiple frequency ranges, offering a peak gain of 6.0 dBi within 2400-2700 MHz and 3400-3800 MHz, and 8.0 dBi within 4900...

Read More

Huber+Suhner

The global Swiss company HUBER+SUHNER develops and manufactures components and system solutions for electrical and optical transportation of data and energy. The company serves customers in the Communication, Transportation and Industrial markets with cables, connectors, cable systems, antennas and other passive components relying on its expertise in radio frequency, fiber optics and low frequency ...

RF Specification

Start Frequency
2400 MHz
Stop Frequency
7125 MHz
Max. Input Power
300 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface
1	N Female

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth
2400 MHz	2500 MHz	6 dBi	< 1.8:1	360°
2500 MHz	2700 MHz	6 dBi	< 2:1	360°
3400 MHz	3800 MHz	6 dBi	< 2:1	360°
4900 MHz	5925 MHz	8 dBi	< 1.8:1	360°
5925 MHz	7125 MHz	8 dBi	< 1.9:1	360°

Physical Specification

Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
80 °C
Dimensions
50.6 x 86
Ingress Protection
IP68
Materials

ASA Plastic, Stainless Steel (304)
Weight
0.3 kg
Compliance/Certifications
RoHS
Mechanical Compliance
IEC 60068-2-27: Mechanical Shock

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

