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 6dBi Dual-Band Omni WiFi Antenna, 2.4GHz & 5GHz

SKU
ANT-HS-00006
MPN
1355.17.0003

Description

Huber+Suhner's Sencity series dual band 2.4 and 5 GHz omnidirectional antennas are a durable, industrial grade antenna designed for operation in dual band WiFi and multipoint wireless applications.

The antenna covers the full 802.11a/n/ac/ax 2.4 and 5 GHz bands from 2.3 to 2.5 GHz and 4.8 to 6 GHz. Unlike many competing offerings, Huber+Suhner have designed the antenna with a consistent 6 dBi gain across both of the bands, providing consistent radiation patterns between frequency bands.

With an IP67 ingress protection rating the antenna is suitable for harsh environments such as those found in mining and heavy industry. The model has undergone mechanical shock, salt spray, vibration, and solar radiation testing, confirming its suitability for some of the toughest locations.

Read More

With unmatched quality and attention to detail, Huber+Suhner antennas are among the best in the world. The Sencity Dual Band WiFi omni antenna continues the company's long legacy of high performance RF equipment.

The antenna is ideal for the latest 802.11ac/ax WiFi standards, and is ideal for use as a spatially separated MIMO antenna. Optimal spacing between each Sencity antenna is > 120 mm for MIMO applications.

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

Dual Band Wi-Fi

Start Frequency
2300 MHz
Stop Frequency
6000 MHz
Max. Input Power
30 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

RF Interface	Body Shape
N Female	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
2300 MHz	2500 MHz	6 dBi	< 1.5:1	360°	20°
4800 MHz	5150 MHz	5 dBi	< 1.7:1	360°	12°
5150 MHz	6000 MHz	6 dBi	< 1.7:1	360°	12°

Physical Specification

Subtype
Collinear
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Dimensions
240 x 25 x 25
Ingress Protection

IP67
Materials
Fibreglass (GRP), Stainless Steel (303)
Mounting
Pole Clamp 25 to 63 mm ⌀
Weight
0.3 kg

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.

