

Huber+Suhner Sencity 5 GHz WiFi Omni Antenna, 5 dBi

SKU: ANT-HS-00008
 MPN: 1356.17.0067

Description

Huber+Suhner's Sencity series 5 GHz omnidirectional antenna is a highly durable, industrial grade antenna designed for operation in 5 GHz WiFi and multipoint wireless applications.

The antenna covers the full 802.11a/n/ac/ax 5 GHz band from 5.15 to 5.875 GHz.

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 even the toughest locations.

[Read More](#)

This antenna is commonplace in specialised 5 GHz wireless applications, particularly in mobile plant and industrial machinery connecting over the 5 GHz band.



RF Specification

Start Frequency:	5150 MHz	Polarisation:	Vertical (V)
Stop Frequency:	5875 MHz	Input Impedance:	50
		6 W 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 Connectors			
Ports	RF Interface	Body Shape	
1	N Female	Straight	

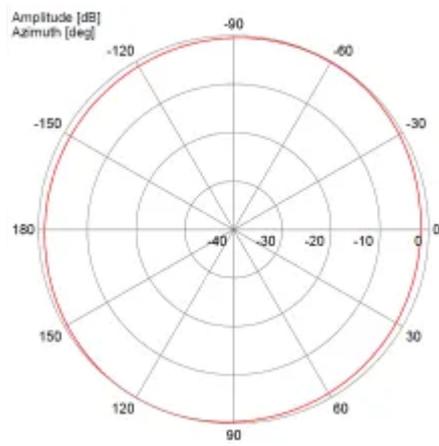
Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
5150 MHz	5850 MHz	5 dBi	< 1.7:1	360°	25°

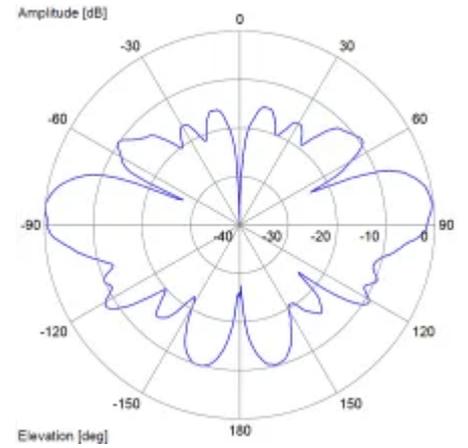
Polar Patterns

Start Frequency: 5775 MHz

Azimuth Polar Plot



Elevation Polar Plot



Physical Specification

Subtype:	Collinear	Dimensions:	191 x 17.6 x 17.6
Input Ports:	1	Materials:	Polypropylene (PP)
MIMO:	1x1 SISO	Mounting:	Pole Clamp 25 to 63 mm
Min. Operating Temperature:	-55 °C	Weight:	0.1 kg
Max. Operating Temperature:	71 °C	Compliance/Certifications:	ISO 9001 Quality Management
		Mechanical Compliance:	IEC 60068-2-11: Salt Mist , IEC 60068-2-14: Change of Temperature , IEC 60068-2-27: Mechanical Shock , IEC 60068-2-6: Vibration

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.

