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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.



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
5150 MHz
Stop Frequency
5875 MHz
Max. Input Power
6 W
Polarisation
Vertical (V)
Input Impedance
50 Ω
RF Connectors

Ports	RF Interface	Body Shape
1	N Female	Straight

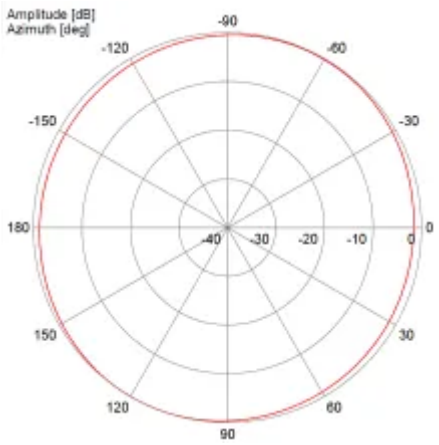
Frequency Test Data

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

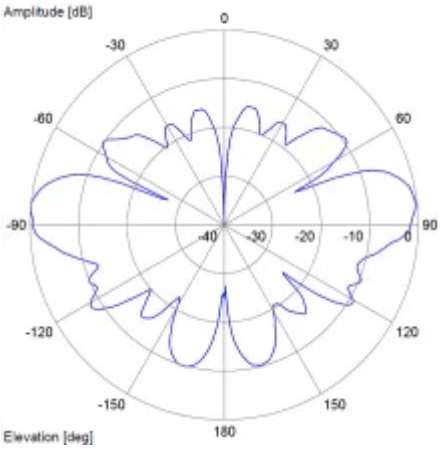
Polar Patterns
Start Frequency

5775 MHz

Azimuth Polar Plot



Elevation Polar Plot



Physical Specification

Subtype

Collinear

Input Ports

1

MIMO

1x1 SISO

Min. Operating Temperature

-55 °C

Max. Operating Temperature

71 °C

Dimensions

191 x 17.6 x 17.6

Materials

Polypropylene (PP)
Mounting
Pole Clamp 25 to 63 mm ⌀
Weight
0.1 kg
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

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