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# Huber+Suhner Sencity 6dBi Omni WiFi Antenna, 2.4GHz

SKU
ANT-HS-00007
MPN
1324.17.0114

**Description**

The Huber+Suhner Sencity 6dBi Omni WiFi Antenna (SKU: ANT-HS-00007, Part Number: 1324.17.0114) offers reliable performance for 2.4 GHz applications. This robust antenna, crafted from brass and glass fibre reinforced polypropylene, features an IP67 rating, ensuring excellent durability in harsh conditions. With an operating temperature range from -40°C to 85°C, it is well-suited for various environmental settings.

Designed for seamless integration, this 1x1 SISO antenna provides a single RF connection via an N Female interface, supporting up to 30W of input power with a 50 Ω impedance. It exhibits a peak gain of 6.0 dBi, a VSWR of less than 1.8:1, and full 360° azimuth beamwidth, making it ideal for consistent, wide-reaching signal coverage.

Huber+Suhner, a renowned Swiss manufacturer, ensures this antenna meets ISO 9001 and RoHS compliance, along with IEC 60068-2-11 salt mist and IEC 60529 mechanical standards. This makes it a dependable...

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**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
2500 MHz
Max. Input Power
30 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 | Elevation |
|---|---|---|---|---|---|
| 2400 MHz | 2500 MHz | 6 dBi | < 1.8:1 | 360° | 30° |

# Physical Specification

Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Dimensions
250 x 19
Ingress Protection
IP67
Materials
Brass, Glass Fibre Reinforced Polypropylene (GFRPP)
Weight
0.3 kg
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Mechanical Compliance
IEC 60068-2-11: Salt Mist

,
IEC 60529: IP Code

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