

# 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  $\Omega$  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	Polarisation:	Vertical (V)
Stop Frequency:	2500 MHz	Input Impedance:	50
Max. Input Power:	30 W		

## 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	Dimensions:	250 x 19
MIMO:	1x1 SISO	Ingress Protection:	IP67
Min. Operating Temperature:	-40 °C	Materials:	Brass, Glass Fibre Reinforced Polypropylene (GFRPP)
Max. Operating Temperature:	85 °C	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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