

# HUBER+SUHNER® DATA SHEET

## Sencity® OMNI-S Antenna: 1399.17.0111

Rev.: AB



### SWA-2459/360/7/20/V\_2

#### Description

Sencity® OMNI-S Antenna  
Small omni-directional outdoor antenna for WiFi applications.  
Supports the 2.4 and 5.8 GHz band.  
Rugged design.  
Single hole mounting.



#### Product Configuration

#### Technical Data

##### Electrical Data

	<b>Band 1</b>	<b>Band 2</b>	<b>Band 3</b>	<b>Band 4</b>
Frequency (MHz)	2400 - 2500	2500 - 2700	3400 - 3700	4900 - 5470
VSWR	1.8	2	2	1.8
Gain (dBi)	6	6	7	8

  

	<b>Band 5</b>
Frequency (MHz)	5470 - 5935
VSWR	1.8
Gain	8 dBi

##### General Data

Nominal impedance	50 Ω
DC grounded	Yes
Polarisation	vertical
Connector	N, jack (female), bottom
Composite power max.	75 W at ambient temperature 25 °C
Gain measured using a ø1m ground plane	10dB beamwidth horizontal: 360°

##### Mechanical Data

Dimensions (mm)	50.6 x 86 (Height x Diameter)
Weight	0.3 kg
Windload	frontal: 10 N at 160 km/h

##### Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
IP rating	IP 68
RoHS 2002/95/EC	compliant
Vibration test (24 hours) acc. to EN60068-2-64.	Shock test (35g) acc. to EN60068-2-27.

##### Material Data

Radome colour	RAL 7043 (dark grey)
Radome material	ASA_SAN
Back plate/base plate material	Stainless Steel

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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### Related Products

9091.99.0224 Omni Antenna Pol Bracket

### Related Documents

Mounting instruction	DOC-0000254463
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing1	DOU-00102065
3D-model (Step)	DOC-0000270825

### Additional Information

The antenna 1399.17.0108 can be mounted on a support with a thickness of up to 30mm (Antenna 1399.17.0111: 10mm). Please refer to the mounting instruction for installation details.

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