

HUBER+SUHNER® DATA SHEET

Sencity Antenna: 1399.17.0111



Rev.: Y

SWA-2459/360/7/20/V_2

Description

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

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

	Band 5
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 \varnothing 1m 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

Related Products

9091.99.0224 Omni Antenna Pol Bracket

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 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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