

HUBER+SUHNER® DATA SHEET

Sencity® OMNI-S MIMO Antenna: 1399.17.0208



Rev.: AA

SWA-2456/360/6/0/MIMO

Description

Sencity® OMNI-S MIMO Antenna
Indoor omni-directional dual-band WiFi-antenna for MIMO standard
802.11 n, 3 ports
WLAN
2.4 to 2.5 and 5.15 to 5.875 GHz



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2
Frequency (MHz)	2400 - 2500	5150 - 5875
VSWR	1.7	1.7
Gain (dBi)	5	6
3dB beamwidth (h) (°)	360	360
3dB beamwidth (v) (°)	65	65
Vertical electrical tilt (°)	0	0
Isolation between ports (dB)	20	20

General Data

Nominal impedance	50 Ω
Polarisation	vertical
Connector	N, plug (male),
Composite power max.	2 W at ambient temperature 25 °C

Polarization 3 x linear, vertical.

Three cable pigtailed (S_04262_D-09), length 0.9 m, with RF connector N (male) are directly attached to the antenna body.

Mechanical Data

Dimensions (mm)	32 x 282 x 92 (Height x Width x Depth)
Weight	0.6 kg

Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-40 to 85
Operating conditions	ETSI EN 300 019-2-3 V2.2.2 (2003-04) T3.3
Storage temperature (°C)	-40 to 85
IP rating	IP 65
RoHS 2002/95/EC	compliant
Lead-free soldered	yes

Vibration and mechanical shock: ETSI EN 300-19-2-3 T3.3

Flammability rating antenna: UL 94V HB / RF pigtail cable: UL 1581 § 1080 (VW-1)

UV protection antenna: UL746C f1 / RF pigtail cable: ISO 4892-2A

Material Data

Radome colour	RAL 7035 (light-grey)
Radome material	ASA (Acrylic Styrene Acrylonitrile)

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.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

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Related Products

9091.99.0240 Ceiling Bracket_Mimo Omni

Related Documents

Mounting instruction	DOC-0000325773
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing1	DOU-00147451

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RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

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