

# HUBER+SUHNER® DATA SHEET

## Sencity Antenna: 1399.17.0208

Rev.: Y



### SWA-2456/360/6/0/MIMO

#### Description

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
Composite power max.	2 W at ambient temperature 25 °C

MIMO antenna with following polarization: Polarization 3 x linear, vertical  
Antenna consists of three cable pigtailed (S\_04262\_D-09), length 0.9 m, with RF connector N (male)

##### 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.



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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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