

HUBER+SUHNER® DATA SHEET

Sencity Avant Indoor Antenna: 1399.17.0102



Rev.: AA

SWA-0860/360/4/0/V_3

Description

Indoor DAS omni-directional antenna for In-Building Coverage
Ultra broad band, multi band
6 dBi gain
790 MHz up to 5935 MHz
LTE, AMPS, GSM, PCS, CDMA, UMTS, WiFi, WLAN 2.4 and 5.6 GHz, WiMAX



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	790 - 824	824 - 960	1710 - 2170	2400 - 2700
VSWR	2	1.6	1.8	1.5
Gain (dBi)	6	6	8.5	9.5

	Band 5	Band 6
Frequency (MHz)	3400 - 3700	4900 - 5935
VSWR	1.5	1.7
Gain (dBi)	9.5	8.5

General Data

Nominal impedance 50 Ω
IMD level -143 dBc at carrier power 2x 30 dBm
DC grounded Yes
Polarisation vertical
Connector N, jack (female), back
Composite power max. 100 W at ambient temperature 55 °C
Antenna is tested at following additional frequency band: 5150 - 5935 MHz: VSWR 1.6 and Gain 8.5 dBi

Mechanical Data

Dimensions (mm) 90 x 78 x 255 (Height x Width x Depth)
Weight 0.83 kg

Environmental Data

Environmental conditions indoor
Operation temperature (°C) 0 to 55
Storage temperature (°C) -40 to 80
Transport temperature (°C) -40 to 80
RoHS 2002/95/EC compliant

Material Data

Radome colour RAL 9010 (white)
Radome material ASA (acrylic ester-styrene-acrylonitrile)
Back plate/base plate colour RAL 9010 (white)
Back plate/base plate material Aluminium

Related Documents

Mounting instruction DOC-0000248870

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

HUBER+SUHNER – Excellence in Connectivity Solutions

HUBER+SUHNER® DATA SHEET

Sencity Avant Indoor Antenna: 1399.17.0102



Rev.: AA

Painting instruction
Security instruction
Outline drawing1

DOC-0000264489
DOC-0000278984
DOU-00093375

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

HUBER+SUHNER – Excellence in Connectivity Solutions