

HUBER+SUHNER® DATA SHEET

Sencity Optima Antenna: 1399.17.0116

Rev.: S



SWA-1864/360/6/30/V

Description

Indoor DAS omni-directional antenna for In-Building Coverage
Ultra broad band, multi band
6 dBi gain
1710 MHz up to 6400 MHz
GSM 1800, PCS, CDMA, UMTS, WiFi, WLAN 2.4 and 5.6 GHz, WiMAX, LTE



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	1710 - 2900	2900 - 3500	3500 - 4500	4500 - 6400
VSWR	2	1.5	1.6	1.3
Gain (dBi)	3.5	6.5	6	6.5

General Data

Nominal impedance 50 Ω
IMD level 145 dBc at carrier power 2x 30 dBm
Polarisation vertical
Connector N, jack (female), back
Composite power max. 10 W at ambient temperature 25 °C
Gain and VSWR specification defined w/o ground plane

Mechanical Data

Dimensions (mm) 33.1 x 139.2 (Height x Diameter)
Weight 0.23 kg
3 plastic screws for false ceiling mounting included in the antenna shipment
Thickness of false ceiling to be =< 30 mm

Environmental Data

Environmental conditions indoor
Operation temperature (°C) 0 to 55
Storage temperature (°C) -40 to 80
Transport temperature (°C) -40 to 80
Flammability rating UL 94-V0
RoHS 2002/95/EC compliant

Material Data

Radome colour RAL 9010 (white)
Radome material ABS
Back plate/base plate material Aluminium

Related Products

9091.99.0096 Mounting Bracket for SencityOptima
9091.99.0233 Sencity Optima Ceiling Bracket

Related Documents

Mounting instruction DOC-0000239894
Painting instruction DOC-0000256180
Security instruction DOC-0000278984

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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Outline drawing1

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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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