

HUBER+SUHNER® DATA SHEET

Sencity Optima Antenna: 1399.17.0114



Rev.: AC

SWA-0764/360/6/30/V

Description

Indoor DAS omni-directional antenna for In-Building Coverage
Ultra broad band, multi band
6 dBi gain
690 MHz up to 6400 MHz
AMPS, GSM, 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)	690 - 1100	1100 - 1710	1710 - 2700	2700 - 3800
VSWR	2	1.5	1.7	1.5
Gain (dBi)	2	6	6	7

	Band 5	Band 6
Frequency (MHz)	3800 - 5150	5150 - 6400
VSWR	1.7	1.5
Gain (dBi)	7.5	8.5

General Data

Nominal impedance	50 Ω
IMD level	-145 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
Gain specification defined without use of ground plane.	

Mechanical Data

Dimensions (mm)	69 x 321 (Height x Diameter)
Weight	1 kg

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 (Acrylonitrile butadiene styrene)
Back plate/base plate material	Aluminium

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

9091.99.0096 Mounting Bracket for SencityOptima
9091.99.0233 Ceiling Bracket_SencityOptima

3 plastic screws for false ceiling mounting included in the antenna shipment.
Thickness of false ceiling to be < 30 mm.

Related Documents

Mounting instruction	DOC-0000239894
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing1	DOU-00110880

Additional Information

radiator grounded for remote connectivity surveillance

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