

HUBER+SUHNER® DATA SHEET

Sencity Optima Antenna: 1399.17.0114



Rev.: AA

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)	4	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
Back plate/base plate material	Aluminium