

HUBER+SUHNER® DATA SHEET

Sencyity Ultra Indoor: 1399.17.0120



Rev.: T

SWA-0459/360/4/25/V_1

Description

Indoor DAS omni-directional antenna for In-Building Coverage
Ultra broad band, multi band
Ceiling mount
4 dBi gain
380 MHz up to 5875 MHz
AMPS, GSM, PCS, CDMA, UMTS, WiFi, WLAN 2.4 and 5.6 GHz, WiMAX, LTE
4.9 GHz Homeland Security, Tetra, Tetrapol, DVB-T, DVB-H



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	380 - 560	560 - 960	1710 - 5500	5500 - 5875
VSWR	2	2	1.5	1.5
Gain (dBi)	3.5	5	8	10

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. 100 W at ambient temperature 55 °C
Requires a ground plane of min. 620 x 620 mm (included in antenna shipment) for 380 MHz to 690 MHz operation (please also refer to Mounting Instruction DOC-0000331648)

VSWR tested with ground plane and max. ceiling tile thickness of 15mm across 380 MHz to 5875 MHz

Mechanical Data

Dimensions (mm) 153.6 x 78.6 x 255 (Height x Width x Depth)
Weight 0.8 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-HB
RoHS 2002/95/EC compliant
Lead-free soldered yes

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-0000331648
Painting instruction DOC-0000256180

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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Security instruction DOC-0000278984
Outline drawing1 DOU-00143233

Additional Information

Radiator grounded for remote connectivity surveillance

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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