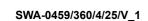


# SENCITY® Ultra 1399.17.0120



#### **Description**

Indoor DAS omni-directional antenna for In-Building Coverage Ultra broad band, multi band covering AMPS, GSM, PCS, CDMA, UMTS, WiFi, WLAN 2.4 and 5.6 GHz, LTE, 4.9 GHz Homeland Security, Tetra, Tetrapol, DVB-T, DVB-H High gain



## **Product Configuration**

## **Technical 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
Impedance (Ohm)	50	50	50	50
Gain (dBi)	3.5	5	8	10

Ports	
	Port 1
Connector	N, jack (female)
Polarization	vertical

### **General Data**

IMD level	
Composite Power max (W)	

-150 dBc at carrier power 2x 43dBm 100

#### PIM 2x43dBm <-150dBc (@1800MHz)

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 (Heigth x Width x Depth)
Weight (kg)	0.8
Environmental Data	
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 2011/65/EU	compliant
Lead-free soldered	yes
REACH 2006/1907/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





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## **Related Products**

Mounting screws for false ceiling installation included 620mm x 630mm aluminium foil included in antenna shipment (see also Mounting Instruction DOC-0000331648)

### **Related Documents**

Mounting instruction	DOC-0000331648
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00143233

#### Additional Information

Radiator grounded for remote connectivity surveillance

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.