

## SENCITY® Avant 1399.17.0133

### Description

Omnidirectional antenna for indoor DAS and In-Building Coverage  
Ultra broad band antenna supporting AMPS, CDMA, PCS, UMTS1900, GSM 900, GSM 1800, UMTS, WiFi, WLAN 2400 and 5600, LTE.



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	698 - 806	806 - 960	1710 - 2170	2400 - 2700
VSWR	2	2	1.8	1.9
Impedance (Ohm)	50	50	50	50
Gain (dBi)	2.5	5	5.5	6.5
Composite power max (W)	100			
Ambient temperature (°C)	55			

  

	Band 5	Band 6
Frequency (MHz)	3400 - 3700	4900 - 5935
VSWR	1.7	1.5
Impedance (Ohm)	50	50
Gain (dBi)	7.5	7.5

#### Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

#### General Data

IMD level -143 dBc at carrier power 2x 30dBm

#### Mechanical Data

Dimensions (mm) 90 x 78 x 255 (Height x Width x Depth)  
Weight (kg) 0.83

#### Environmental Data

Environmental conditions indoor  
Operation temperature (°C) -10 to 55  
Storage temperature (°C) -40 to 80  
Transport temperature (°C) -40 to 80  
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant  
Lead-free soldered not soldered  
WEEE 2012/19/EU special marking needed  
REACH 1907/2006/EC compliant

#### Material Data

Radome colour RAL 9010 (white)

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Back plate/base plate colour  
Back plate/base plate material

RAL 9010 (white)  
Aluminium

### Related Documents

Mounting instruction	DOC-0000248870
Painting instruction	DOC-0000264489
Security instruction	DOC-0000278984
Outline drawing	DOU-00236348
3D-model	DOC-0000796962