

SENCITY® Cube Antenna 1399.17.0233

Description

Indoor DAS directional antenna for In-Building Coverage
 698 MHz up to 2700 MHz
 AMPS, GSM, PCS, CDMA, UMTS, WiFi, WLAN 2.4, LTE
 Fitted with 0.3 m plenum rated pigtail cable



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	698 - 790	790 - 960	1710 - 2170	2170 - 2700
VSWR	2	2	1.8	1.8
Impedance (Ohm)	50	50	50	50
Gain (dBi)	6	7	8	7
3dB beamwidth (h) (°)	90	80	80	80
3dB beamwidth (v) (°)	80	65	50	65
Composite power max (W)	50			
Ambient temperature (°C)	55			

Ports

	Port 1
Connector	N, jack (female)
Cable Type	SUCOFORM_141_C U_CMP
Cable Length (m)	0.3
Min. radius static (mm)	8
Polarization	vertical
DC grounded	Yes

General Data

IMD level -150 dBc at carrier power 2x 30dBm

3dB Beamwidth (vertical): 65°-90° (698-790MHz) & 60-70° (790-960MHz) & 41°-55° (1710-2170 MHz) & 55°-70° (2170-2700 MHz)

3dB Beamwidth (horizontal): 85°-95° (698-790MHz) & 70-85° (790-960MHz) & 75°-85° (1710-2170 MHz) & 65°-90° (2170-2700 MHz)

Mechanical Data

Dimensions (mm) 260 x 200 x 71 (Height x Width x Depth)
 Weight (kg) 1.1

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

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REACH 2006/1907/EC

compliant

Plenum rated pigtail cable ETL listed UL444/CMP/FT6

Material Data

Radome colour	RAL 9003 (signal white)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Back plate/base plate material	Aluminium

Related Products

Related Documents

Mounting instruction	DOC-0000717641
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00299988
3D-model	DOC-0000717035

Additional Information

Radiator grounded for remote connectivity surveillance

Mouser Electronics

Authorized Distributor

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