

Sencity Special Communication Antenna 92210002

Description

Indoor Omni-directional Antenna
Frequency Range 380 to 6000 MHz (Multi-Band)
Vertical Polarization
Gain 4-6dBi



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	380 - 806	806 - 960	1395 - 1432	1710 - 2170
VSWR	2.5	2	2	2
Impedance (Ohm)	50	50	50	50
Gain (dBi)	2	4	5	5
Composite power max (W)	50	50	50	50
Ambient temperature (°C)	50	50	50	50

	Band 5	Band 6	Band 7
Frequency (MHz)	2300 - 2500	3300 - 3700	4900 - 6000
VSWR	2	1.9	1.9
Impedance (Ohm)	50	50	50
Gain (dBi)	5	5	6
Composite power max (W)	50	50	50
Ambient temperature (°C)	50	50	50

Ports

	Port 1
Connector	4.3-10, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

	Band 1	Band 2	Band 3	Band 4	Band 5	Band 6	Band 7
Port 1	X	X	X	X	X	X	X

General Data

IMD level -155 dBc at carrier power 2x 20dBm

Indicated VSWR values for 380-806 MHz are valid for a metallic ground plane of 0.4 x 0.4m or larger. Otherwise for this band gain is at 1dBi and VSWR at 3.

Mechanical Data

Dimensions (mm) 189.8 x 274.1 (Height x Diameter)
Weight (kg) 0.55

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Environmental Data

Environmental conditions	indoor
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	no special marking needed
REACH 1907/2006/EC	compliant

Flammability:

UL94

Mounting:

Ceiling mounting.

Grounding:

All metal parts including the inner conductor are DC grounded.

Material:

Back plane: Aluminum protected through chemical passivation.

Radome: UV protected polycarbonate.

Related Documents

Mounting instruction	DOC-0000871430
Security instruction	DOC-0000278984
Outline drawing	DOU-00398565

Additional Information

