

SENCITY® Omni-M dual-band WiFi Stick Antenna

1355.17.0002

Description

Omni - directional dual-band WiFi stick antenna
 IEEE 802.11 b/g/a/h/p for 2.3 - 2.5 GHz and 4.8 to 6.1 GHz
 WiFi wireless LAN / WLAN
 Gain 6 dBi, vertical polarized antenna
 Ingress protection IP 67 (IEC 60529)
 For outdoor and indoor applications

*** Direct WiFi access-point mount on female N connector ***



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3
Frequency (MHz)	2300 - 2500	4800 - 5150	5150 - 6100
VSWR	1.5	2	2
Impedance (Ohm)	50	50	50
Gain (dBi)	6	5	6
3dB beamwidth (h) (°)	360	360	360
3dB beamwidth (v) (°)	20	12	12
Composite power max (W)	30	30	30
Ambient temperature (°C)	25	25	25

Ports

	Port 1
Connector	N, plug (male)
Polarization	vertical
DC grounded	No

Connections

	Band 1	Band 2	Band 3
Port 1	X	X	X

General Data

Mechanical Data

Dimensions (mm) 250 x 25 (Height x Diameter)
 Weight (kg) 0.15

Design for direct access point mount to style N (female) connector

Environmental Data

Environmental conditions indoor/outdoor
 Operation temperature (°C) -40 to 85
 Storage temperature (°C) -55 to 85
 Transport temperature (°C) -40 to 85
 IP rating IP67
 Flammability rating UL 94-HB
 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant
 Lead-free soldered yes
 WEEE 2012/19/EU special marking needed
 REACH 1907/2006/EC compliant

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LOW TEMPERATURE: IEC 60068-2-1 72h -55°C

HIGH TEMPERATURE: IEC 60068-2-2 72h +85°C

HUMIDITY: ETSI EN300-2-4 T4, 1E 144h 95%

SALT SPRAY: EN 60068-2-11 / GB-T 10125 96h

MECHANICAL SHOCK: IEC 60721-3-4, 4M5

VIBRATION: IEC 60721-3-4 30 min/axis random 4M5

Material Data

Radome colour	RAL 9003 (signal white)
Radome material	Glass Fibre

Related Documents

Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00298617
3D-model	DOC-0000715572