

## SENCITY® Omni-M dual-band WiFi Stick Antenna 1355.17.0003

### Description

Omni-directional dual-band WiFi stick antenna for application with WiFi standards IEEE 802.11 a/p/h/b/g/y/n/ac.

Working in the frequency bands 2.3 - 2.5 GHz and 4.8 to 6 GHz.

Gain 6 dBi, vertical polarized antenna.

Ingress protection IP 67 (IEC 60529).

For outdoor and indoor applications

\*\*\* Wall- or pole mount with L-bracket \*\*\*



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1	Band 2	Band 3
Frequency (MHz)	2300 - 2500	4800 - 5150	5150 - 6000
VSWR	1.5	1.7	1.7
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, jack (female)
Polarization	vertical
DC grounded	No

#### Connections

	Band 2	Band 3	Band 4
Port 1	X	X	X

#### General Data

#### Mechanical Data

Dimensions (mm) 240 x 25 (Height x Diameter)  
Weight (kg) 0.3

INCLUDED MOUNTING MATERIAL: Bracket 9091.99.0173 and 2 metal-bands for mast-diameter 25mm - 101mm, all piece parts made of stainless steel

#### 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

## SENCITY® Omni-M dual-band WiFi Stick Antenna 1355.17.0003

REACH 1907/2006/EC

compliant

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 Products

9091.99.0173 L - bracket for omni stick antennas

### Related Documents

Mounting instruction

DOC-0000296554

Painting instruction

DOC-0000256180

Security instruction

DOC-0000278984

Outline drawing

DOU-00298652

3D-model

DOC-0000715586