

## SENCITY Omni-M WiFi Stick Antenna 1324.17.0114

### Description

Omni - directional WiFi stick antenna  
IEEE 802.11 b/g, frequency band 2.4 - 2.5 GHz  
WiFi wireless LAN / WLAN  
Gain 6 dBi, vertical polarized antenna  
Ingress protection IP 67 (IEC 60529)  
For outdoor and indoor applications  
Pole or wall mount



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1
Frequency (MHz)	2400 - 2500
VSWR	1.8
Impedance (Ohm)	50
Gain (dBi)	6
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	30
Composite power max (W)	30
Ambient temperature (°C)	25
Vertical electrical tilt (°)	0

#### Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	No

#### General Data

#### Mechanical Data

Dimensions (mm) 250 x 19 (Height x Diameter)  
Weight (kg) 0.3  
Windload frontal: 3 N at 160 km/h, lateral: 3 N at 160 km/h, Wind speed survival: 220 km/h

MATERIALS of ANTENNA CONNECTOR / BASE: brass, with tri-metal surface plating(Cu/Zn/Sn alloy)

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

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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-00283377

3D-model

DOC-0000681502

### Additional Information

Mounting accessory included