

SENCITY® Omni-M Wi-Fi Stick Antenna

1324.17.0114

Properties

- Omnidirectional stick antenna for Wi-Fi bands between 2400 and 2500 MHz
- Gain of 6 dBi with Vertical Polarisation
- For both indoor and outdoor mounting with IP rating IP67
- Integrated N female connector
- Suitable for Pole or Wall mounting



Electrical data	
	Band 1
Frequency	2400 MHz ... 2500 MHz
Impedance	50 Ω
VSWR	1.8
Gain	6 dBi
HPBW vertical	30 °
HPBW horizontal	360 °
Vertical Electrical Tilt	0 °
Ambient Temperature	25 °C
Composite Power max	30 W

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

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

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Mechanical data	
Remarks	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

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

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-55 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP67
Flammability rating	UL 94-HB

Environmental remarks	
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	

Additional Information	
Mounting accessory included	

Antenna accessories		
Item description	Item number	Product name
9091.99.0173	23035942	L - bracket for omni stick antennas

Ordering information		
Item description	Item number	Product name
1324.17.0114	85026220	SENCITY® Omni-M Wi-Fi Stick Antenna

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