Data Sheet

HUBER+SUHNER

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

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.