

SENCITY® OMNI-S WiFi Antenna 1356.17.0067

Description

Omni - directional WiFi antenna
 IEEE 802.11 a/h, frequency band: 5.15 to 5.875 GHz
 Wireless LAN / Wi-Fi WLAN
 In- and outdoor applications - IP 67
 Pole / mast and wall mount



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	5150 - 5875
VSWR	1.7
Impedance (Ohm)	50
Gain (dBi)	5
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	25
Composite power max (W)	6
Ambient temperature (°C)	25
Vertical electrical tilt (°)	0

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

General Data

Mechanical Data

Dimensions (mm)	191 x 17.6 (Height x Diameter)
Weight (kg)	0.1
Windload	frontal: 7 N at 160 km/h, lateral: 7 N at 160 km/h , Wind speed survival: 220 km/h
Mast diameter (mm)	38.1 - 76.2
Included mounting material	Wall and mast mounting bracket

Included mounting material: Bracket and 2 metal bands for mast diameter 25 to 101 mm

Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature (°C)	-45 to 70
Storage temperature (°C)	-45 to 70
Transport temperature (°C)	-45 to 70
IP rating	IP67
Flammability rating	UL 94-HB
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/EC	compliant

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Temperature condition low -55°, IEC 60068-2-1
Temperature condition hig +71°, IEC 60068-2-2
Temperature cycling IEC 60068-2-14 1h -45°C to +70°C 3 cycles
Salt spray IEC 60068-2-11 Ka / 500 h
Humidity ETSI EN300-2-4 T4.1E / 144h / 95%
Solar radiation ASTM G53 / 1000 h
Mechanical shock EC 60721-3-4, 4M5
Vibration IEC 60721-3-4 30 min/axis random 4M5

Material Data

Radome colour	RAL 9002 (grey-white)
Radome material	PP (Polypropylene)

Related Documents

Mounting instruction	DOC-0000456327
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00129898
3D-model	DOC-0000406118

Additional Information

Mast / wall mounting accessories included