

## 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

## SENCITY® OMNI-S WiFi Antenna 1356.17.0067

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