

SENCITY® Omni Stick



Features:

- 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 – IP67
- Pole/mast and wall mount

Specifications

Electrical data	
Frequency (MHz)	5150 to 5875
VSWR	1.7
Gain (dBi)	5
3 dB beamwidth (h) (°)	360
3 dB beamwidth (v) (°)	25

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	6

Mechanical data	
Dimensions (height × diameter)	191 × 16 mm (7.52 × 0.63 in)
Weight	0.1 kg (0.22 lbs)
Connector	N (female)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-45 to 70
RoHS 2011/65/EU	compliant
IP rating	IP67

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

Ordering information

Description	Item no.	Version
1356.17.0067	84066836	N (female)

SENCITY® Omni Stick



Features:

- Omni-directional multiband antenna for GSM 1800, GSM/PCS 1900, UMTS, LTE 2300, 2500 and 2600, also WLAN IEEE 802.11 b/g WiFi 2400 to 2500 MHz
- Gain 2 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- Pole or wall mount

Specifications

Electrical data	
Frequency (MHz)	1710 to 2690
VSWR	1.8
Gain (dBi)	2
3 dB beamwidth (h) (°)	360
3 dB beamwidth (v) (°)	65

General data	
Nominal impedance (Ω)	50
IMD level (dBc)	-145 at 2 × 30 dBm
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height × diameter)	120 × 22 mm (4.72 × 0.87 in)
Weight	0,3 kg (0.66 lbs)
Connector	N (female)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

Material data	
Radome colour	RAL 9003 (signal white)
Radome material	glass fiber

Ordering information

Description	Item no.	Version
1399.17.0232	85026688	N (female)

SENCITY® Omni Stick



Features:

- Omni-directional multiband antenna for GSM 1800, GSM/PCS 1900, UMTS, LTE 2300, 2500 and 2600, also WLAN IEEE 802.11 b/g WiFi 2400 to 2500 MHz
- Gain 2 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- Pole or wall mount

Specifications

Electrical data	
Frequency (MHz)	1710 to 2690
VSWR	1.8
Gain (dBi)	2
3 dB beamwidth (h) (°)	360
3 dB beamwidth (v) (°)	65

General data	
Nominal impedance (Ω)	50
IMD level (dBc)	-145 at 2 × 30 dBm
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height × diameter)	120 × 22 mm (4.72 × 0.87 in)
Weight	0,3 kg (0.66 lbs)
Connector	N (male)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

Material data	
Radome colour	RAL 9003 (signal white)
Radome material	glass fiber

Ordering information

Description	Item no.	Version
1399.17.0237	85065352	N (male)

SENCITY® Omni-S Thimble



Features:

- Broad band omni-directional WiFi and mobile antenna for 1710 up to 6000 MHz
- WLAN 2400 to 2500 MHz and 5150 to 6000 MHz; WiFi IEEE 802.11 a/b/g/h/p and n
- Mobile/cellular 1710 to 2200 MHz
- LTE 2300, LTE 2500 and LTE 2700 MHz/WiMax 3400 to 3800 MHz
- Small and robust outdoor stick antenna IP66/IP68/IP69K
- Direct mount on N type connector of wireless access points or clients

Specifications

Electrical data					
Frequency (MHz)	1710 to 2000	2000 to 2700	2700 to 3800	4900 to 5150	5150 to 6000
VSWR	2	2	2	2	2
Gain (dBi)	1.5	2	1.5	2.5	2
3 dB beamwidth (h) (°)	360	360	360	360	360

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	10

Mechanical data	
Dimensions (height × diameter)	55 × 21 mm (2.17 × 0.83 in)
Weight	0.05 kg (0.11 lbs)
Connector	N (male)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP69K

Material data	
Radome colour	RAL 7043 (dark grey)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)

Ordering information

Description	Item no.	Version
1399.17.0224	85012283	N (male)

SENCITY® Omni Stick



Features:

- Omni-directional multiband antenna for LTE 800, GSM 900, GSM 1800, GSM/PCS 1900, UMTS, LTE 2300 and 2600; WLAN 802.11 b/g WiFi 2400 MHz band
- Gain 2/3 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- L-bracket (AISI 316L) for pole or wall mounting scenario included

Specifications

Electrical data		
Frequency (MHz)	790 to 960	1710 to 2690
VSWR	2	1.9
Gain (dBi)	2	3

General data	
Nominal impedance (Ω)	50
IMD level (dBc)	-143 at 2 × 30 dBm
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height × diameter)	263 × 32 mm (10.35 × 1.25 in)
Weight	0.4 kg (0.88 lbs)
Connector	N (female)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

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

Ordering information

Description	Item no.	Version
1399.17.0231	85027954	N (female)

SENCITY® Omni Stick



Features:

- Omni-directional dual-band WiFi stick antenna
- IEEE 802.11 b/g/a/h/p for 2.3 to 2.5 GHz and 4.8 to 6.1 GHz
- WiFi wireless LAN/ WLAN
- Gain 6 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- Direct WiFi access-point mount on female N connector

Specifications

Electrical data			
Frequency (MHz)	2300 to 2500	4800 to 5150	5150 to 6100
VSWR	1.5	1.7	1.7
Gain (dBi)	6	5	6
3 dB beamwidth (h) (°)	360	360	360
3 dB beamwidth (v) (°)	20	12	12

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height x diameter)	250 x 25 mm (9.84 x 0.98 in)
Weight	0.15 kg (0.33 lbs)
Connector	N (male)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

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

Ordering information

Description	Item no.	Version
1355.17.0002	85027480	N (male)

SENCITY® Omni Stick



Features:

- Omni-directional dual-band WiFi stick antenna
- IEEE 802.11 b/g/a/h/p for 2.3 to 2.5 GHz and 4.8 to 6 GHz
- WiFi wireless LAN/ WLAN
- Gain 6 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- Wall- or pole mount with L-bracket

Specifications

Electrical data			
Frequency (MHz)	2300 to 2500	4800 to 5150	5150 to 6000
VSWR	1.5	1.7	1.7
Gain (dBi)	6	5	6
3 dB beamwidth (h) (°)	360	360	360
3 dB beamwidth (v) (°)	20	12	12

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height x diameter)	240 x 25 mm (9.45 x 0.98 in)
Weight	0.3 kg (0.66 lbs)
Connector	N (female)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

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

Ordering information

Description	Item no.	Version
1355.17.0003	85031665	N (female)

SENCITY® Omni Stick



Features:

- Omni-directional WiFi stick antenna
- IEEE 802.11 b/g, frequency band 2.4 to 2.5 GHz
- WiFi wireless LAN/ WLAN
- Gain 6 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- Pole or wall mount

Specifications

Electrical data	
Frequency (MHz)	2400 to 2500
VSWR	1.8
Gain (dBi)	6
3 dB beamwidth (h) (°)	360
3 dB beamwidth (v) (°)	30

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height × diameter)	250 × 19 mm (9.84 × 0.75 in)
Weight	0.3 kg (0.66 lbs)
Connector	N (female)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

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

Ordering information

Description	Item no.	Version
1324.17.0114	85026220	N (female)

SENCITY® Omni Stick



Features:

- Omni-directional stick antenna for DECT applications
- 1880 to 1930 MHz
- Gain 7 dBi, vertical polarized antenna
- Ingress protection IP67 (IEC 60529)
- For outdoor and indoor applications
- Pole or wall mount

Specifications

Electrical data	
Frequency (MHz)	1880 to 1930
VSWR	1.5
Gain (dBi)	7
3 dB beamwidth (h) (°)	360
3 dB beamwidth (v) (°)	20

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	25

Mechanical data	
Dimensions (height × diameter)	500 × 20 mm (19.69 × 0.79 in)
Weight	0.4 kg (0.88 lbs)
Connector	N (female)

Environmental data	
Environment	outdoor
Operation temperature (°C)	-40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP67

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

Ordering information

Description	Item no.	Version
1319.17.0121	85027403	N (female)