

## SENCITY® OMNI-S cellular + LTE stick antenna 1399.17.0232

SWA-1727/360/2/0/V

### Description

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



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1
Frequency (MHz)	1710 - 2690
VSWR	1.8
Gain (dBi)	2
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	65

#### General Data

DC Grounding	Yes
IMD level	145 dBc at carrier power 2x 30dBm
Polarisation	vertical
Connector	N, jack (female), bottom
Composite power max.	25 W at ambient temperature 25 °C

#### Mechanical Data

Dimensions (mm)	120 x 22 (Height x Diameter)
Weight (kg)	0.3

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	outdoor
Operation temperature (°C)	-40 to 85
Storage temperature (°C)	-55 to 85
Transport temperature (°C)	-40 to 85
IP rating	IP67
RoHS 2011/65/EC	compliant
Lead-free soldered	yes
REACH 2006/1907/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

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### 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-00285540
3D-model	DOC-0000684122

### Additional Information

Mounting accessory included