

SENCITY® OMNI-S stick antenna

1399.17.0237

Properties

- Omni-directional multiband antenna for GSM 1800, GSM/PCS 1900, UMTS, LTE 2300, 2500 and 2600, also WLAN IEEE 802.11 b/g Wi-Fi 2400 to 2500 MHz
- Gain of 2 dBi with Vertical polarisation
- For both indoor and outdoor mounting with IP67 rating
- Suitable for Pole or Wall mounting

**Electrical data**

	Band 1
Frequency	1710 MHz ... 2690 MHz
Impedance	50 Ω
VSWR	1.8
Gain	2 dBi
HPBW vertical	65 °
HPBW horizontal	360 °
Ambient Temperature	25 °C
Composite Power max	25 W

Electrical remarks

IMD level	145 dBc at carrier power 2x 30 dBm
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Ports

	Port 1
Connector	N, plug (male)
Polarization	vertical
DC grounded	Yes

Mechanical data

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

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

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-55 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	IP67

Environmental remarks
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

Ordering information		
Item description	Item number	Product name
1399.17.0237	85065352	SENCITY® OMNI-S stick antenna

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 DOCUMENT PIM-P3252 / Date of publication: 14.08.2025 / uncontrolled copy