Data Sheet

HUBER+SUHNER

SENCITY® OMNI-S cellular + LTE stick antenna N-male
1399.17.0237

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
Impedance (Ohm)	50
Gain (dBi)	2
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	65
Composite power max (W)	25
Ambient temperature (°C)	25

Ports

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

General Data

IMD level	145 dBc at carrier power 2x 30dBm

Mechanical Data

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

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
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
Lead-free soldered	yes
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/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

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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

Related Documents

Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00301627
3D-model	DOC-0000719263

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.