

SENCITY® Spot-M Antenna

1399.17.0028

Properties

- Planar directive antenna for AMPS, CDMA, GSM 900
- Supports the frequency from 806 MHz to 960 MHz
- Gain of 8 dBi with Vertical polarisation
- Half power beamwidth of 70° (vertical) and 75° (Horizontal)



Electrical data		
	Band 1	Band 2
Frequency	806 MHz ... 824 MHz	824 MHz ... 960 MHz
Impedance	50 Ω	50 Ω
VSWR	1.8	1.5
Gain	8 dBi	8 dBi
HPBW vertical	70 °	70 °
HPBW horizontal	75 °	75 °
Front to back ratio	20 dB	20 dB
Vertical Electrical Tilt	0 °	0 °
Ambient Temperature	25 °C	
Composite Power max	10 W	

Ports	
	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	No

Mechanical data	
Weight	0.5 kg
Dimensions	200 mm x 200 mm x 43 mm (Height x Width x Depth)
Mast diameter	54 mm ... 100 mm
Windload	front: 57 N at 160 km/h

Material data	
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Radome colour	RAL 7035 (light-grey)
Back plate/base plate material	Aluminum

SENCITY® Spot-M Antenna

1399.17.0028

Material data	
Back plate/base plate colour	RAL 7035 (light-grey)

Environmental data	
Operation temperature	-40 °C ... 80 °C
Storage temperature	-40 °C ... 80 °C
Transport temperature	-40 °C ... 80 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	IP23

Ordering information		
Item description	Item number	Product name
1399.17.0028	23027215	SENCITY® Spot-M Antenna

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P3276 / Date of publication: 18.08.2025 / uncontrolled copy