

## SENCITY® Spot-S Antenna 1320.19.0001

### Description

Planar directive antenna for GSM 1800 and UMTS, 1710 to 2170 MHz, 8 dBi, 80° HPBW, vertical polarisation



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1
Frequency (MHz)	1710 - 2170
VSWR	1.8
Impedance (Ohm)	50
Gain (dBi)	8
3dB beamwidth (h) (°)	80
3dB beamwidth (v) (°)	75
Composite power max (W)	50
Ambient temperature (°C)	25
Front to back ratio (dB)	18
Vertical electrical tilt (°)	0

#### Ports

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

#### General Data

#### Mechanical Data

Dimensions (mm)	101 x 80 x 20 (Height x Width x Depth)
Weight (kg)	0.13
Windload	frontal: 15 N at 160 km/h , Wind speed survival: km/h
Mast diameter (mm)	40 - 60
Included mounting material	Mast mounting material (1 metal band)

#### Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
Flammability rating	UL 94-HB
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/EC	compliant

#### Material Data

Radome colour	RAL 7035 (light-grey)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)

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### Related Products

9091.99.0191 Wall Bracket

### Related Documents

Mounting instruction	DOC-0000215556
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00018747