Data Sheet



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 (Heigth x Width x Depth)

Weight (kg) 0.13 Windload front

frontal: 15 N at 160 km/h , Wind speed survival: km/h

Mast diameter (mm) 40 - 6

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 compliant

2015/863 and 2017/2102)

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

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