Data Sheet

SENCITY® Spot-L circular polarized Planar Antenna 1304.17.0008

Description

SENCITY Spot-L planar antenna for 433 MHz ISM bands
Gain: 9 dBic
Polarisation: left circular
Frequency range: 430 - 437 MHz
Half power beamwidth: 68° / 70° (vert. / hor.)

Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	430 - 437
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	9
3dB beamwidth (h) (°)	68
3dB beamwidth (v) (°)	70
Composite power max (W)	6
Ambient temperature (°C)	25
Front to back ratio (dB)	10.5
Sidelobes (h)	ETSI EN 301 525 V1.1.1 (2000-06) TS1, TS2
Vertical electrical tilt (°)	0

Ports

	Port 1
Connector	N, jack (female)
Polarization	circular left

General Data

Mechanical Data

Dimensions (mm)	371 x 371 x 40 (Heigth x Width x Depth)
Weight (kg)	2

Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature (°C)	-55 to 71
Storage temperature (°C)	-55 to 71
Transport temperature (°C)	-55 to 71
IP rating	IP67
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 9002 (grey-white)
Radome material	PC (Polycarbonate)
Back plate/base plate material	Aluminium

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Related Products

9091.99.0183 Down_Sidetilt Bracket

Related Documents

Mounting instruction	DOC-0000225623
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DPR-00120905

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