

SENCITY® Spot-M vertical polarized Planar Antenna 1308.17.0071

Description

SENCITY Spot-M planar antenna for 866 MHz ISM bands

Gain: 8 dBi

Polarisation: linear vertical

Frequency range: 860 - 870 MHz

Half power beamwidth: 65° / 70° (vert. / hor.)



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	865 - 870
VSWR	1.3
Impedance (Ohm)	50
Gain (dBi)	8
3dB beamwidth (h) (°)	70
3dB beamwidth (v) (°)	65
Composite power max (W)	6
Ambient temperature (°C)	25
Front to back ratio (dB)	-20
Sidelobes (h)	20
Vertical electrical tilt (°)	0

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

General Data

Mechanical Data

Dimensions (mm)	190 x 190 x 30 (Height x Width x Depth)
Weight (kg)	0.8

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	PP (Polypropylene)
Back plate/base plate material	Aluminium

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Related Products

9091.99.0201 Down_Sidetilt Bracket

Related Documents

Mounting instruction	DOC-0000225623
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984