

Sencity Antenna 1399.17.0028

SPA-8090/75/8/0/V

Description

Planar directive antenna for AMPS, CDMA, GSM 900 , 806 MHz to 960 MHz, 8 dBi, 75° HPBW, vertical polarisation



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2
Frequency (MHz)	806 - 824	824 - 960
VSWR	1.8	1.5
Impedance (Ohm)	50	50
Gain (dBi)	8	8
3dB beamwidth (h) (°)	75	75
3dB beamwidth (v) (°)	70	70
Front to back ratio (dB)	20	20
Vertical electrical tilt (°)	0	0

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical

General Data

DC Grounding	No
Composite Power max (W)	10

Mechanical Data

Dimensions (mm)	200 x 200 x 43 (Height x Width x Depth)
Weight (kg)	0.5
Windload	frontal: 57 N at 160 km/h , Wind speed survival: km/h
Mast diameter (mm)	54 - 100
Included mounting material	Mast mounting material (2 metal bands)

Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
IP rating	IP23
RoHS 2011/65/EC	compliant
REACH 2006/1907/EC	compliant

Material Data

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

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Related Products

9091.99.0168 Mounting bracket for WLL antennas

Related Documents

Mounting instruction	DOC-0000228587
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00018737