

Sencity Antenna 1320.19.0001

SPA-2000/80/8/0/V

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
Gain (dBi)	8
3dB beamwidth (h) (°)	80
3dB beamwidth (v) (°)	75
Front to back ratio (dB)	18
Vertical electrical tilt (°)	0

General Data

Nominal impedance	50 Ω
DC Grounding	No
Polarisation	vertical
Connector	SMA, jack (female), bottom
Composite power max.	10 W at ambient temperature 25 °C

Mechanical Data

Dimensions (mm)	101 x 80 x 20 (Height x Width x Depth)
Weight	0.13 kg
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	-40 to 80 °C
Storage temperature	-40 to 80 °C
Transport temperature	-40 to 80 °C
Flammability rating	UL 94-HB
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)

Related Products

9091.99.0191 Wall Bracket

Related Documents

Mounting instruction	DOC-0000215556
Painting instruction	DOC-0000256180

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Security instruction
Outline drawing1

DOC-0000278984
DOU-00018747