

HUBER+SUHNER® DATA SHEET

Sencity Antenna: 1324.19.0017

Rev.: U



SPA-2400/80/9/0/DS

Description

Dual linear-polarised directional WiMAX, WiFi-Antenna, slant $\pm 45^\circ$
IEEE 802.16, IEEE 802.11 b/g
Frequency-Band: 2.3GHz-2.5GHz
BWA, WLAN
Wall mounting material included
For indoor applications



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	2300 - 2500
VSWR	1.5
Gain	8.5 dBi
3dB beamwidth (h) ($^\circ$)	80
3dB beamwidth (v) ($^\circ$)	70
Front to back ratio	18 dB
Vertical electrical tilt ($^\circ$)	0
Isolation between port	30 dB

General Data

Nominal impedance	50 Ω
Polarisation	$\pm 45^\circ$ slant
Connector	SMA, jack (female), bottom
Composite power max.	10 W at ambient temperature 25 $^\circ\text{C}$

Mechanical Data

Dimensions (mm)	101 x 95 x 32 (Height x Width x Depth)
Weight	0.11 kg
Windload	frontal: 15 N at km/h
Included mounting material	Wall mounting material
Mounting socket material: ASA	
Mounting socket colour: RAL 7042	

Environmental Data

Environmental conditions	indoor
Operation temperature ($^\circ\text{C}$)	-40 to 80
Storage temperature ($^\circ\text{C}$)	-40 to 80
Transport temperature ($^\circ\text{C}$)	-40 to 80
RoHS 2002/95/EC	compliant

Material Data

Radome colour	RAL 7035 (light-grey)
Radome material	ASA (Acrylic Styrene Acrylonitrile)
Back plate/base plate colour	RAL 7042 (dark-grey)
Back plate/base plate material	ASA (Acrylic Styrene Acrylonitrile)

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions

HUBER+SUHNER® DATA SHEET

Sencity Antenna: 1324.19.0017

Rev.: U



Related Products

9091.99.0029 Pol Bracket
9091.99.0080 Sidetilt Bracket

Related Documents

Mounting instruction	DOC-0000197953
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing1	DOU-00087553.1

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions