

# HUBER+SUHNER® DATA SHEET

## Sencity® OMNI-S Antenna: 1324.17.0071



Rev.: Y

SOA-2400/360/4/20/V\_2

### Description

Sencity® OMNI-S 2.4 GHz Antenna  
802.11 a/b/g  
Small omni-directional indoor antenna for WiFi applications.  
Rugged design, meets EN 50155 railway standard.  
Fire retardant acc. to DIN 5510-2, BS 6853, NF F16-101/102, CEN/TS 45545 (2009).  
Single hole mounting.



### Product Configuration

#### Technical Data

##### Electrical Data

	<b>Band 1</b>
Frequency (MHz)	2400 - 2500
VSWR	1.5
Gain	4 dBi

##### General Data

Nominal impedance	50 Ω
Polarisation	vertical
Connector	N, jack (female), bottom
Composite power max.	75 W at ambient temperature 25 °C

##### Mechanical Data

Dimensions (mm)	43 x 86 (Height x Diameter)
Weight	0.3 kg
Windload	frontal: 10 N at km/h
Wind speed	survival: 160km/h
Included mounting material	Wall and ceiling mounting material
Single hole mounting. Provides also break-through mounting holes.	

##### Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
RoHS 2002/95/EC	compliant
EN 50155:2007 (Environmental tests).	
Flammability rating:	Radom material complies with UL-94-V-0. DIN 5510-2, BS 6853, NF F16-101/102, CEN/TS 45545 (2009)

##### Material Data

Radome colour	RAL 9010 (white)
Radome material	PC (Polycarbonate)
Back plate/base plate material	Aluminium

##### Related Products

9091.99.0208 Ceiling Bracket  
9091.99.0220 Ceiling Bracket\_Omni

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.



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### Related Documents

Mounting instruction	DOC-0000247533
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing1	DOU-00091804
3D-model (Step)	DOC-0000339671

### Additional Information

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

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