

# HUBER+SUHNER® PLANAR ANTENNA FOR WIRELESS COMMUNICATION

## SPA 2400/75/9/0/V

### Technical Data

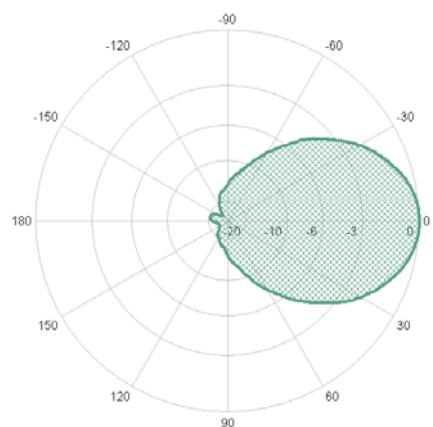
<b>Electrical Properties</b>	
Frequency range	2300 - 2500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	linear, vertical
Gain	8.5 dBi
3 dB beamwidth horizontal	75°
3 dB beamwidth vertical	60°
Downtilt	0°
Front to back ratio	20 dB
Max. power	75 W (CW) at 25°C



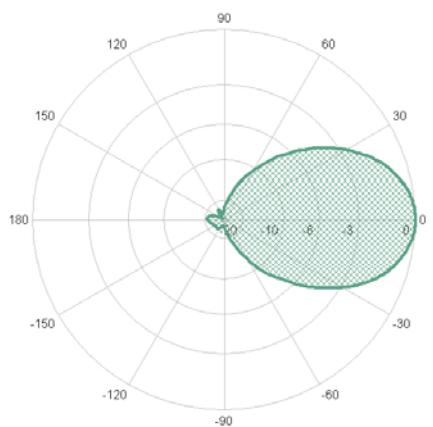
### Mechanical Properties

<b>Mechanical Properties</b>	
Dimensions	101 x 95 x 32 mm (3.98" x 3.74" x 1.26")
Weight	0.11 kg (0.24 lbs.)
Housing material	ASA and aluminium
Radome material	ASA
Radome color	RAL 7035 (light-grey)
Mounting bracket color	RAL 7042 (dark-grey)
Operating temperature range	-40°C to +80°C
Storage temperature range	-40°C to +80°C
Windload	15 N at 160km/h (100mph)

### Radiation Pattern



horizontal



vertical

### Available Types

	<b>Article no.</b>	
<a href="#">1324.17.0006</a>	22652578	N female pigtail (0.6m)
<a href="#">1324.17.0007</a>	22652579	N female pigtail (1.83m)
<a href="#">1324.19.0002</a>	22649580	SMA female
<a href="#">1324.26.0001</a>	22651187	TNC female

### Mounting Hardware

	<b>Article no.</b>	
9091.99.0029	22649576	mast mounting accessory
9091.99.0080	22652651	mast mounting and side/down-tilt accessory

Wall mounting material included.

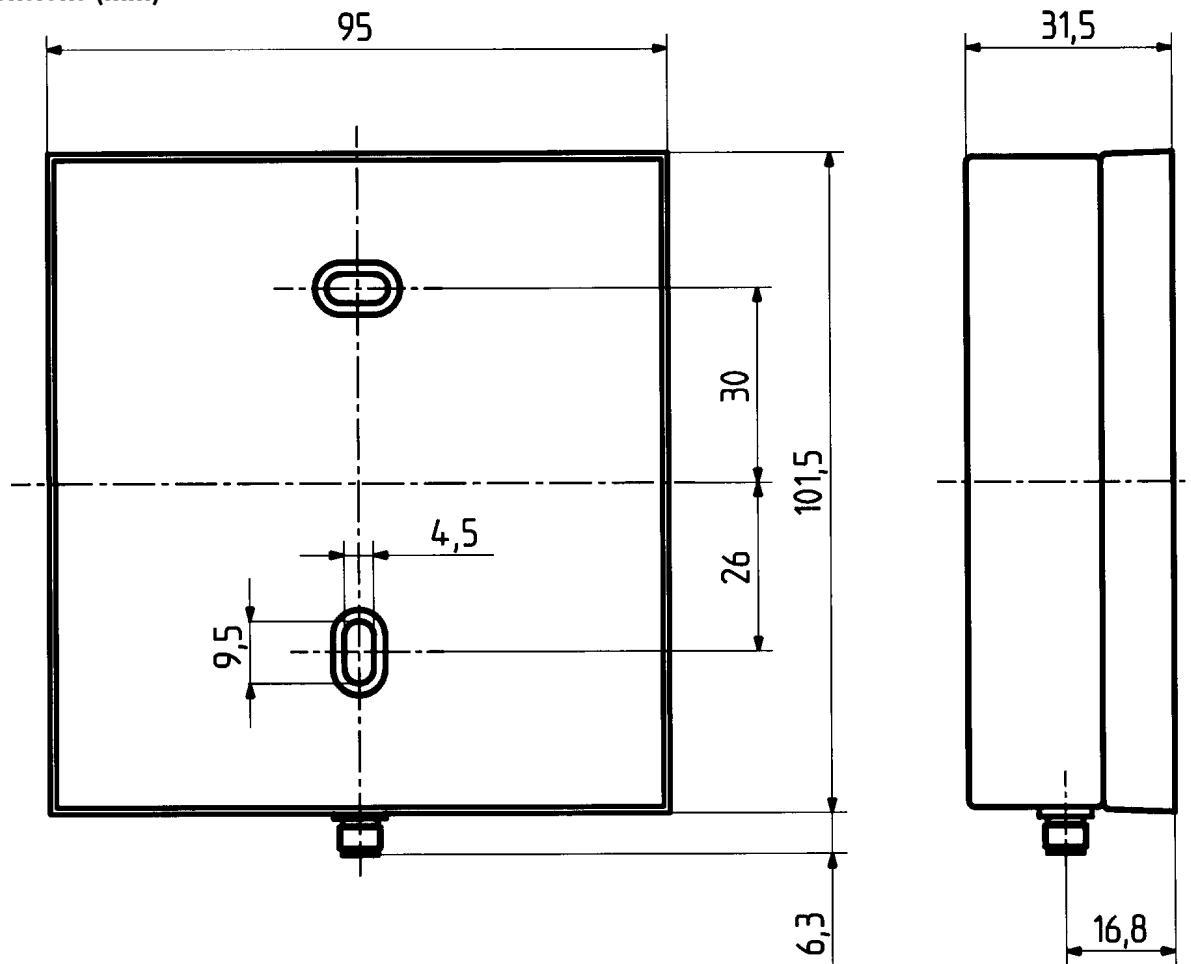
# HUBER+SUHNER®

## PLANAR ANTENNA

### FOR WIRELESS COMMUNICATION

**SPA 2400/75/9/0/V**

**Dimensions (mm)**



Mounting and security instructions see HUBER+SUHNER document number 01.02.0777.  
The document can be ordered at HUBER+SUHNER AG, Switzerland.

**HUBER+SUHNER group is certified according  
to ISO 9001 and ISO 14001.**

**WAIVER**

While the information contained has been carefully compiled to the best of our present knowledge, it is not intended as representation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.



HUBER+SUHNER AG

Wired Solutions + Networks

Communication + Power Networks

CH-9100 Herisau, Switzerland

Tel.: +41 (0)71 353 41 11

Fax: +41 (0)71 353 47 51

[www.hubersuhner.com](http://www.hubersuhner.com)

Document no.: 01.02.0865

Issue no.: 3

Supersedes: 03.2004

**Uncontrolled Copy**

Issued/Checked/Released:

Last amended:

4159/4656/03.2004

4159