



# HUBER+SUHNER®

## PLANAR ANTENNA

### FOR WIRELESS COMMUNICATION

**SPA 5600/9/23/0/V**



#### Technical Data

##### Electrical Properties

Frequency range	5150 - 5350 MHz	5470 - 5875 MHz
Impedance	50 $\Omega$	
VSWR	< 1.5	
Polarization	linear, vertical	
Gain	23 dBi	
3 dB beamwidth horizontal	9°	
3 dB beamwidth vertical	9°	
Downtilt	0°	
Front to back ratio	> 30 dB	
Max. power	6 W (CW) at 25°C	
Side Lobe Suppression	ETSI EN 302 085 Range 1 TS1 - TS3	

##### Mechanical Properties

Dimensions	305 x 305 x 25 mm (12" x 12" x 0.98")
Weight	1.5 kg (3.36 lbs.)
Radome material	plastic
Radome color	light grey
Operating temperature range	- 45°C to + 70°C
Storage temperature range	- 45°C to + 70°C
Windload @ survival speed	264 N at 220 km/h (138 mph)
Environmental protection	IP 67

##### Available Types

Article no.	
1356.17.0008	N female

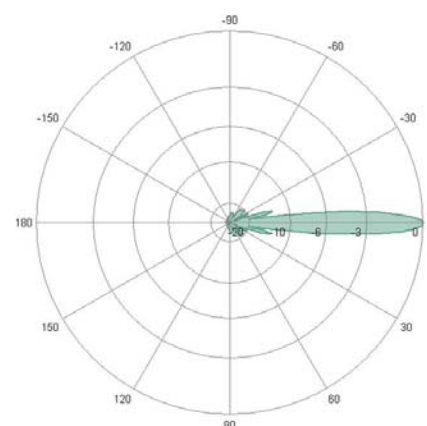
##### Mounting Hardware

Article no.	
9091.99.0183	downtilt bracket

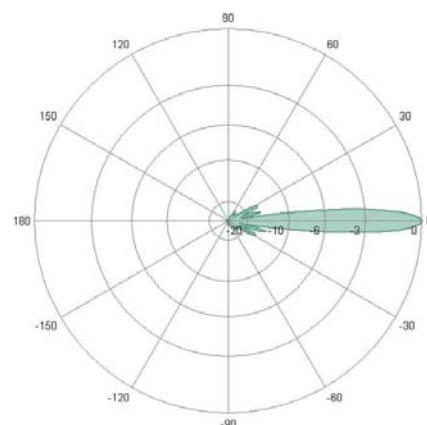
##### Documents

01.02.0777	security instruction
01.02.1022	mounting instruction

#### Radiation Pattern



horizontal



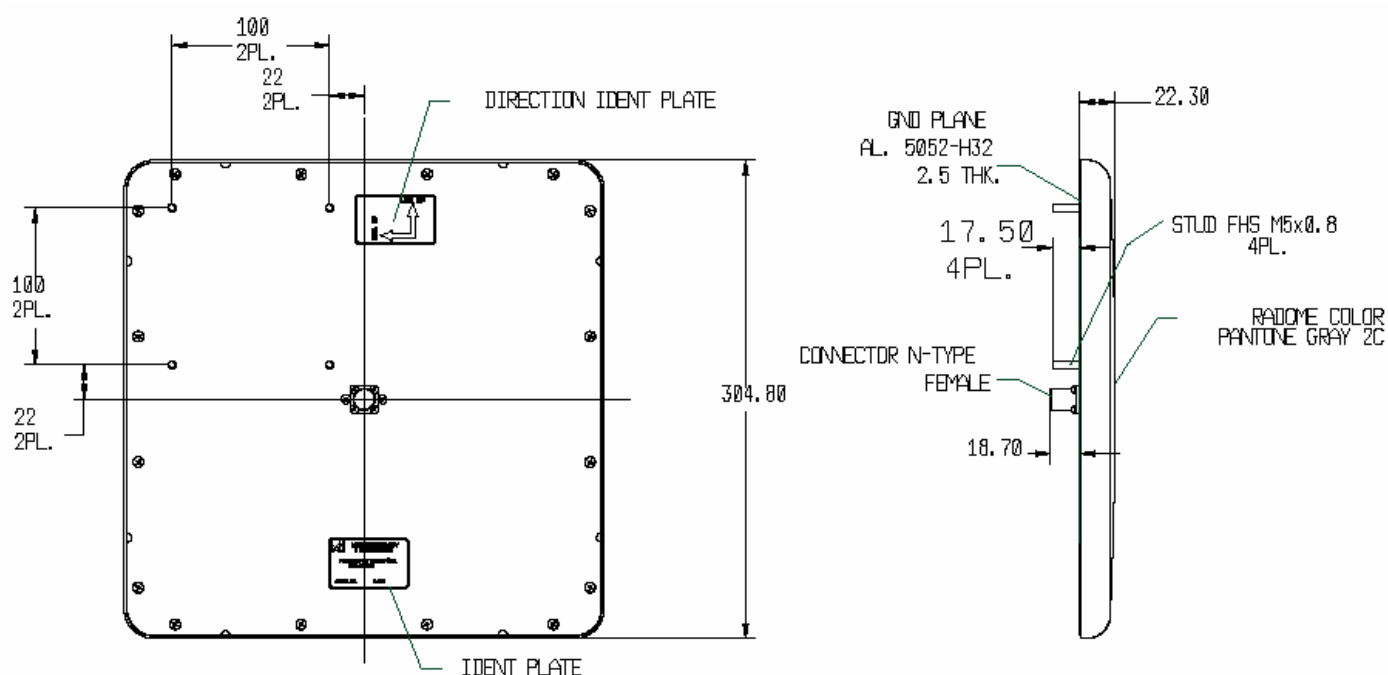
vertical



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**SPA 5600/9/23/0/V**

**Dimensions (mm)**



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 contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

**HUBER+SUHNER – Excellence in Connectivity Solutions**

Document no.: 01.02.1018  
Issue no.: 7  
Supersedes: 01.2005

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Issued/Checked/Released: 4159/4656/02.2006  
Last amended: 4159

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