



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 Ω	
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	
Side lobe suppression	ETSI EN 302 085 Range 1 TS1 - TS3	
Max. power	6 W (CW) at 25°C	

Mechanical & Environmental Properties

Dimensions	305 x 305 x 25 mm (12" x 12" x 0.98")	
Weight	1.5 kg (3.31 lbs.)	
Radome material	polycarbonate	
Radome colour	RAL 9002 (light grey)	
Back/base plane material	aluminium	
2002/95/EC (RoHS)	compliant	
Operating temperature range	- 45°C to + 70°C	
Storage temperature range	- 45°C to + 70°C	
Windload	264 N at 220 km/h (137 mph)	

Available Types

Available Types	Article no.	
1356.17.0008	84007203	N female

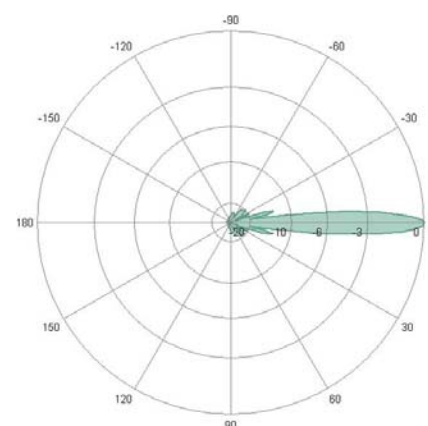
Mounting Hardware

Mounting Hardware	Article no.	
9091.99.0183	84007205	downtilt bracket

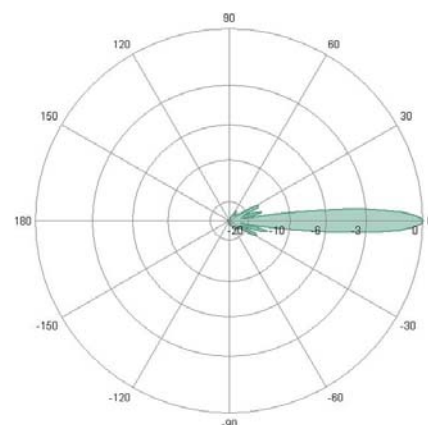
Documents

01.02.0777	security instruction
01.02.1022	mounting instruction

Radiation Pattern



horizontal



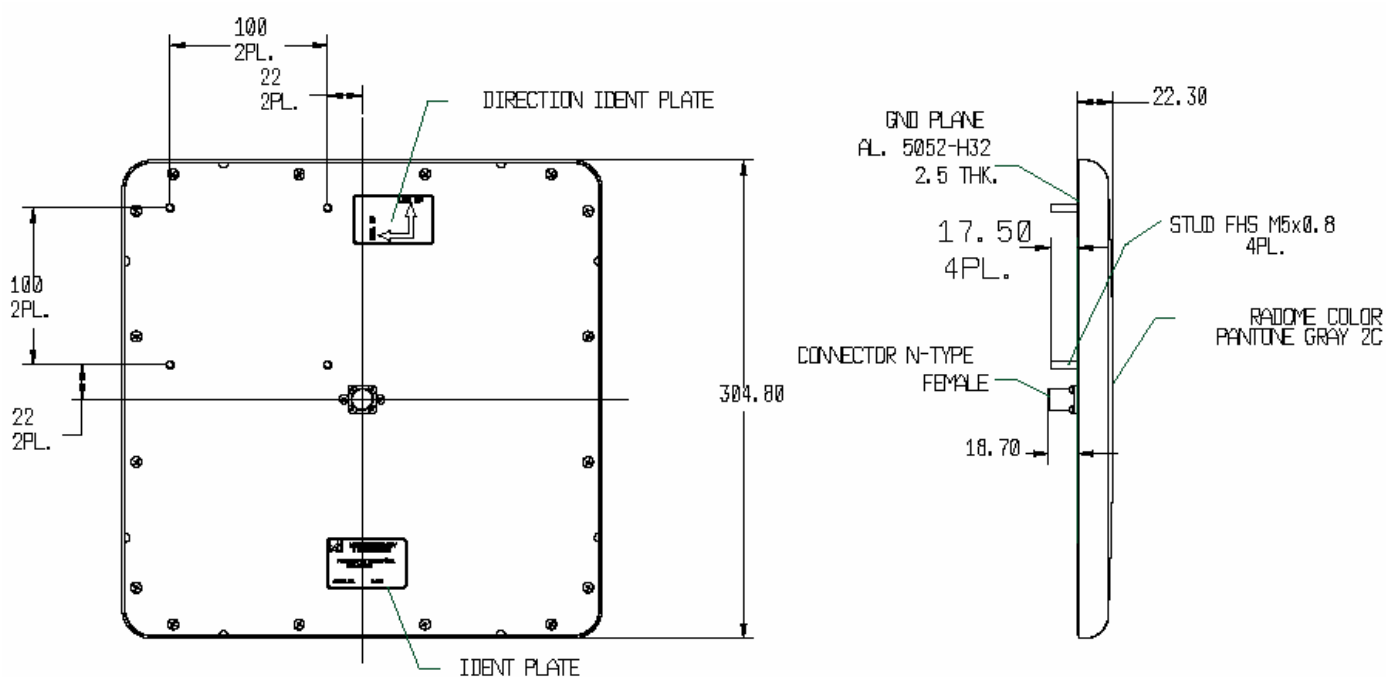
vertical



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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

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