



HUBER+SUHNER® SENCITY® ANTENNA FOR WIRELESS COMMUNICATION

SPA 5600/18/19/0/V_1

For integration with CPE Enclosure 9091.99.0217 only

Technical Data

Electrical Properties

Frequency range (MHz)	5150 - 5250	5250 - 5350	5350 - 5725	5725 - 5875
Impedance	50 Ω			
VSWR	< 1.9			
Polarization	linear, vertical or horizontal			
Gain	18 dBi	19 dBi	18.5 dBi	18 dBi
3 dB beamwidth horizontal	18°			
3 dB beamwidth vertical	18°			
Downtilt	0°			
Front to back ratio	ETSI EN 302 326-3 V1.1.2 DN3 -30 dB			
Cross polarisation	ETSI EN 302 085 V1.1.2 TS1-TS3 > 21 dB			
Side lobe suppression Azimuth	-13 dB 5150 – 5875 MHz -8 dB at 5150 - 5350 MHz			
Elevation	ETSI EN 302 326-3 V1.1.2 DN3 at 5350 - 5875 MHz			
Max. power	6 W (CW) at 25°C			

Mechanical & Environmental Properties

Dimensions	190 x 190 x 30.5 mm (7.48" x 7.48" x 1.20")
Weight	0.7 kg (1.54 lbs.).
Radome material	polypropylene
Radome colour	RAL 9002 (grey-white)
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 @ survival speed	104 N at 220 km/h (137mph)

Available Types

Article no.	
1356.19.0018	84038737 SMA female

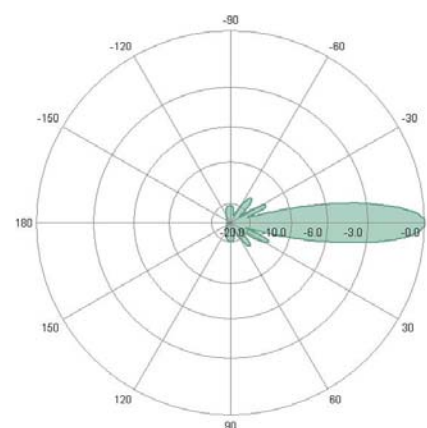
CPE Enclosure

Article no.	
9091.99.0217	84038484 Small CPE Enclosure

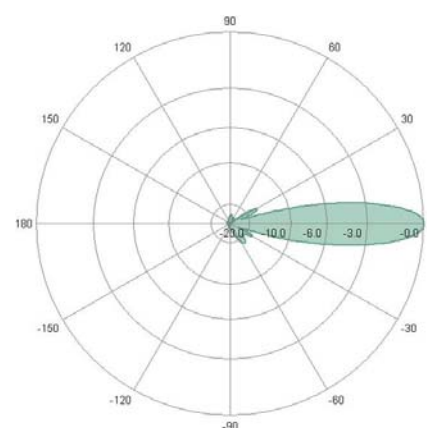
Documents

01.02.0777	security instruction
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Radiation Pattern



horizontal



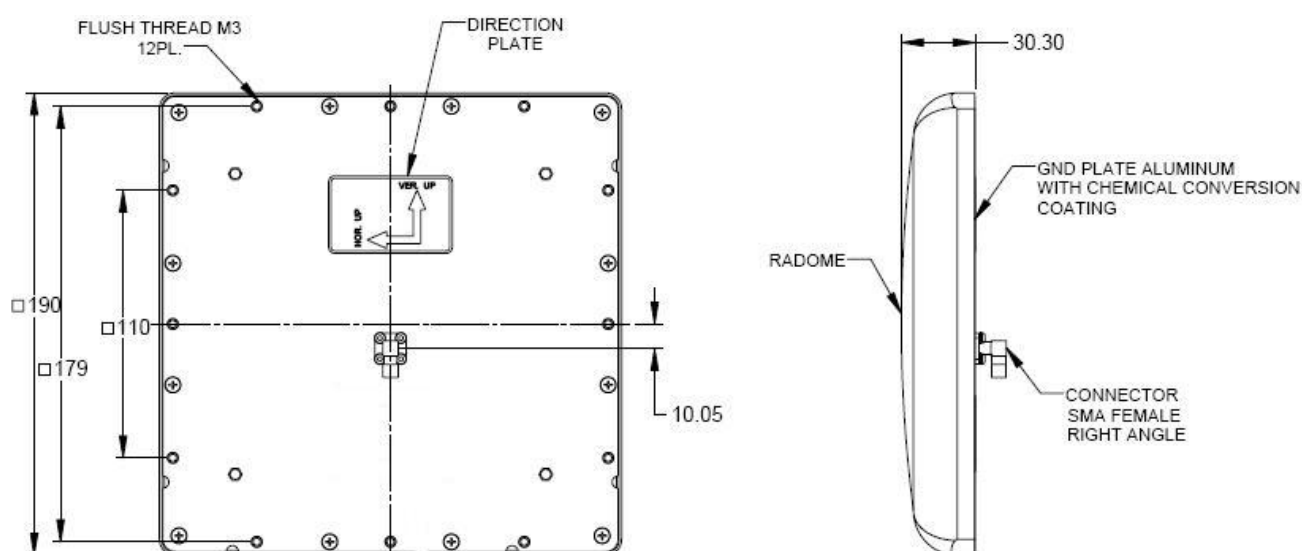
vertical



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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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