



HUBER+SUHNER®

OMNI ANTENNA

FOR WIRELESS COMMUNICATION

SOA 2400/360/12/0/V

Technical Data

Electrical Properties

Frequency range	2400 – 2500 MHz
Impedance	50 Ω
VSWR	< 1.5
Polarization	linear, vertical
Gain	12 dBi
3 dB beamwidth horizontal	360°
3 dB beamwidth vertical	5°
Downtilt	0°
Front to back ratio	30 dB
Vertical plane sidelobe supression	10 dB
Max. power	6 W (CW)

Mechanical & Environmental Properties

Dimensions	Ø 30 x 1400 mm (Ø 1.18" x 56.12")
Weight	1.0 kg (2.20 lbs.)
Radome material	Fiber glass UL 94HB
Radome colour	RAL 9002 (light grey)
Base/back 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	64 N at 220 km/h (137mph)

Available Types

Article no.	
1324.17.0062	84018672 N female

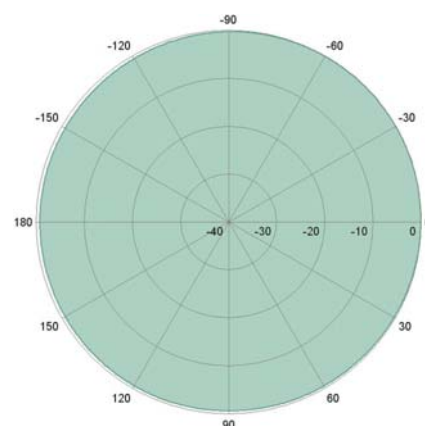
Mounting bands included for mast diameter 38 - 76 mm (1.5" - 3")

Documents

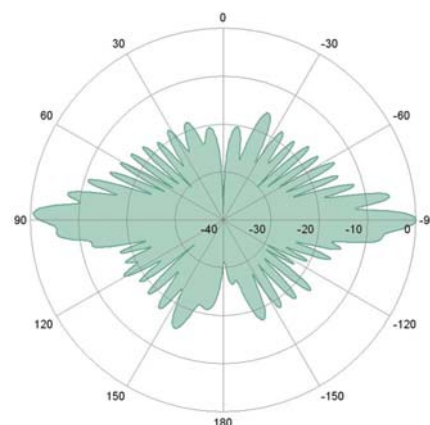
01.02.0777	security instruction
01.02.1264	mounting instruction



Radiation Pattern



horizontal



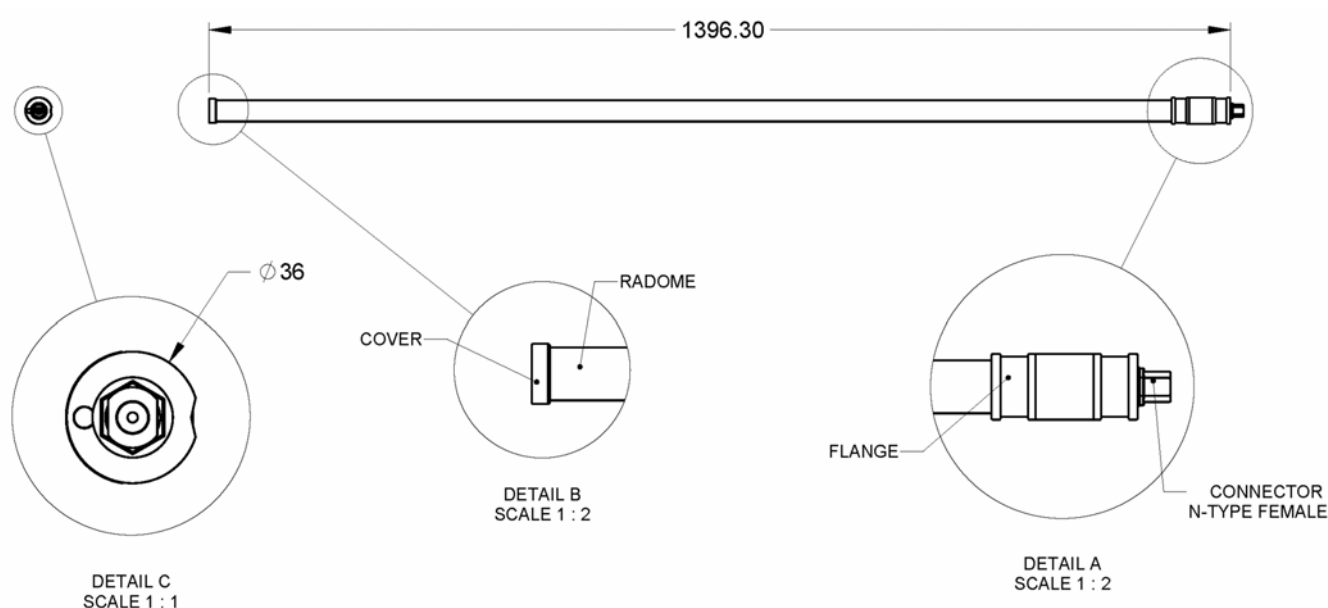
vertical



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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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