



HUBER+SUHNER®

PLANAR ANTENNA

FOR WIRELESS COMMUNICATION

SPA 2400/70/9/0/RCP

Technical Data

Electrical Properties	
Frequency range	2300 - 2500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	circular, right
Gain	8.5 dBi
3 dB beamwidth horizontal	70°
3 dB beamwidth vertical	65°
Downtilt	0°
Front to back ratio	20 dB
Axial ratio	3 dB
Max. power	75 W (CW) at 25°C

Mechanical Properties	
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 160 km/h (100 mph)

Available Types	Article no.	
1324.19.0008	22650442	SMA female
1324.26.0002	22651188	TNC female

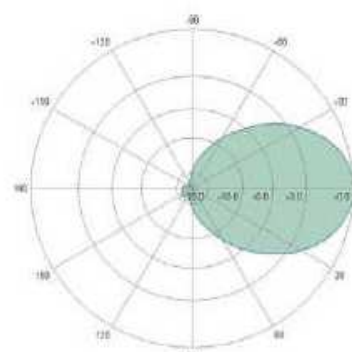
Mounting Hardware	Article no.	
9091.99.0029	22649576	mast mounting accessory
9091.99.0080	22652651	mast mounting and sidetilt accessory

Wall mounting material included.

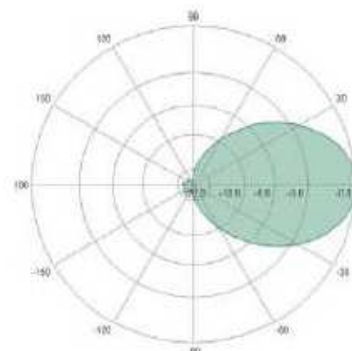
Documents	
01.02.0777	security instruction
01.02.1509	mounting instruction



Radiation Pattern



horizontal



vertical

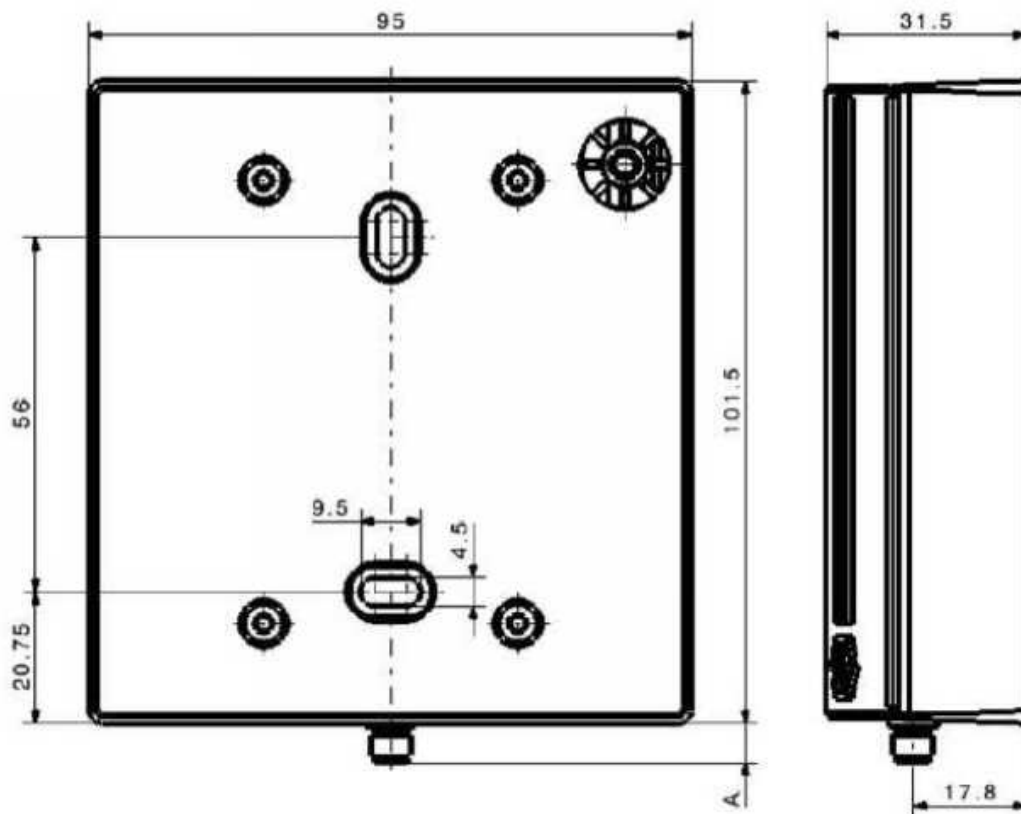


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Dimensions (mm)

Connector type	A
SMA female	6.2
TNC female	12.1



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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