



HUBER+SUHNER® PLANAR ANTENNA FOR WIRELESS COMMUNICATION



SPA 2400/80/9/0/DS

Technical Data

Electrical Properties

Frequency range	2300 - 2500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	dual linear, ± 45° slant
Gain	8.5 dBi
3 dB beamwidth horizontal	80°
3 dB beamwidth vertical	70°
Downtilt	0°
Isolation between ports	30 dB
Front to back ratio	18 dB
Max. power	75 W (CW) at 25°C

Mechanical & Environmental Properties

Dimensions	101 x 95 x 32 mm (3.98" x 3.74" x 1.26")
Weight	0.11 kg (0.24 lbs.)
Radome material	ASA
Radome colour	RAL 7035 (light grey)
Mounting socket material	ASA
Mounting socket colour	RAL 7042 (dark grey)
Back/base plane material	aluminium
2002/95/EC (RoHS)	compliant
Operating temperature range	- 40°C to + 80°C
Storage temperature range	- 40°C to + 80°C
Windload	15 N at 160km/h (100mph)

Available Types

Available Types	Article no.	
1324.19.0017	22659413	SMA female
1324.26.0017	22659722	TNC female
1324.35.0002	84011334	QMA female

Wall mounting material included.

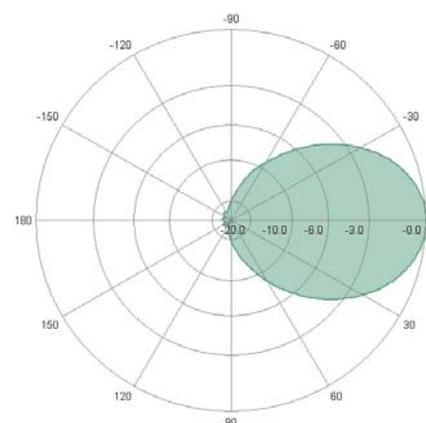
Mounting Hardware

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

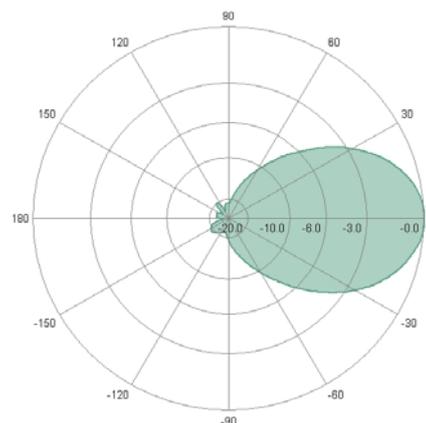
Documents

01.02.0777	security instruction
01.02.1509	mounting instruction

Radiation Pattern



horizontal



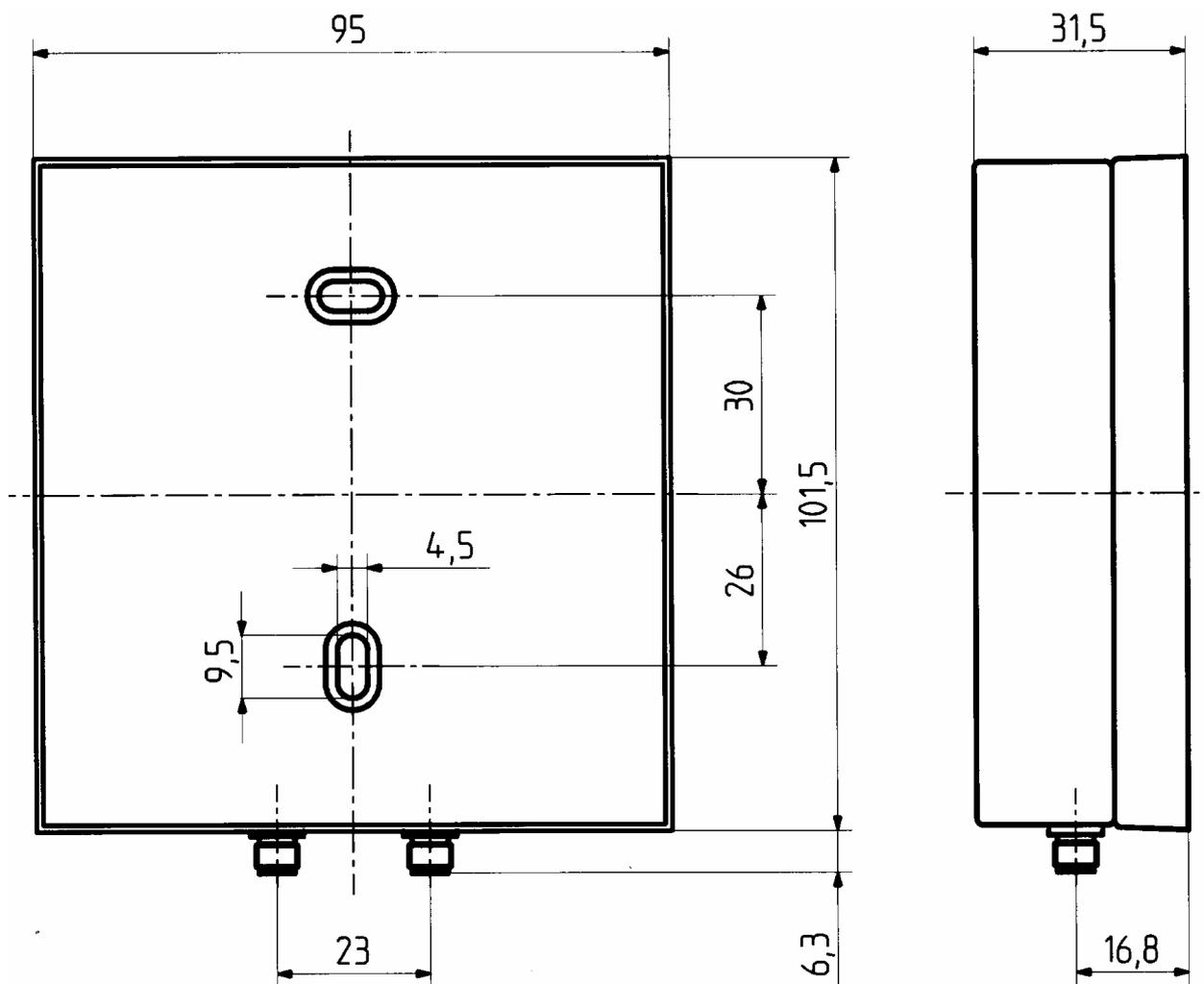
vertical



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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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