

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 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 160km/h (100mph)

Available Types

Article no.	Article no.	
1324.19.0017	22659413	SMA female
1324.26.0017	22659722	TNC female

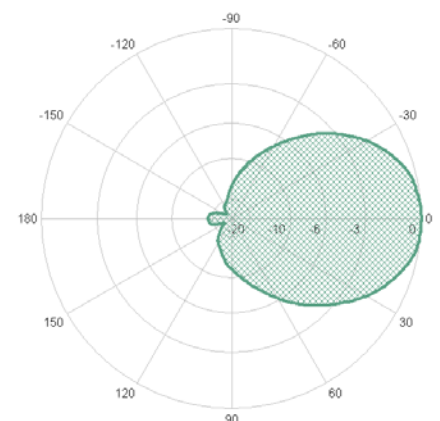
Mounting Hardware

Article no.	Article no.	
9091.99.0029	22649576	mast mounting accessory
9091.99.0080	22652651	mast mounting and side/down-tilt accessory

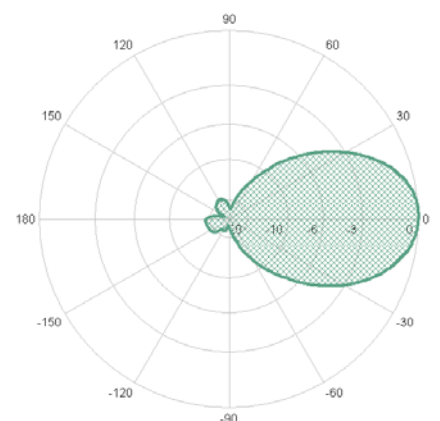
Wall mounting material included.



Radiation Pattern



horizontal

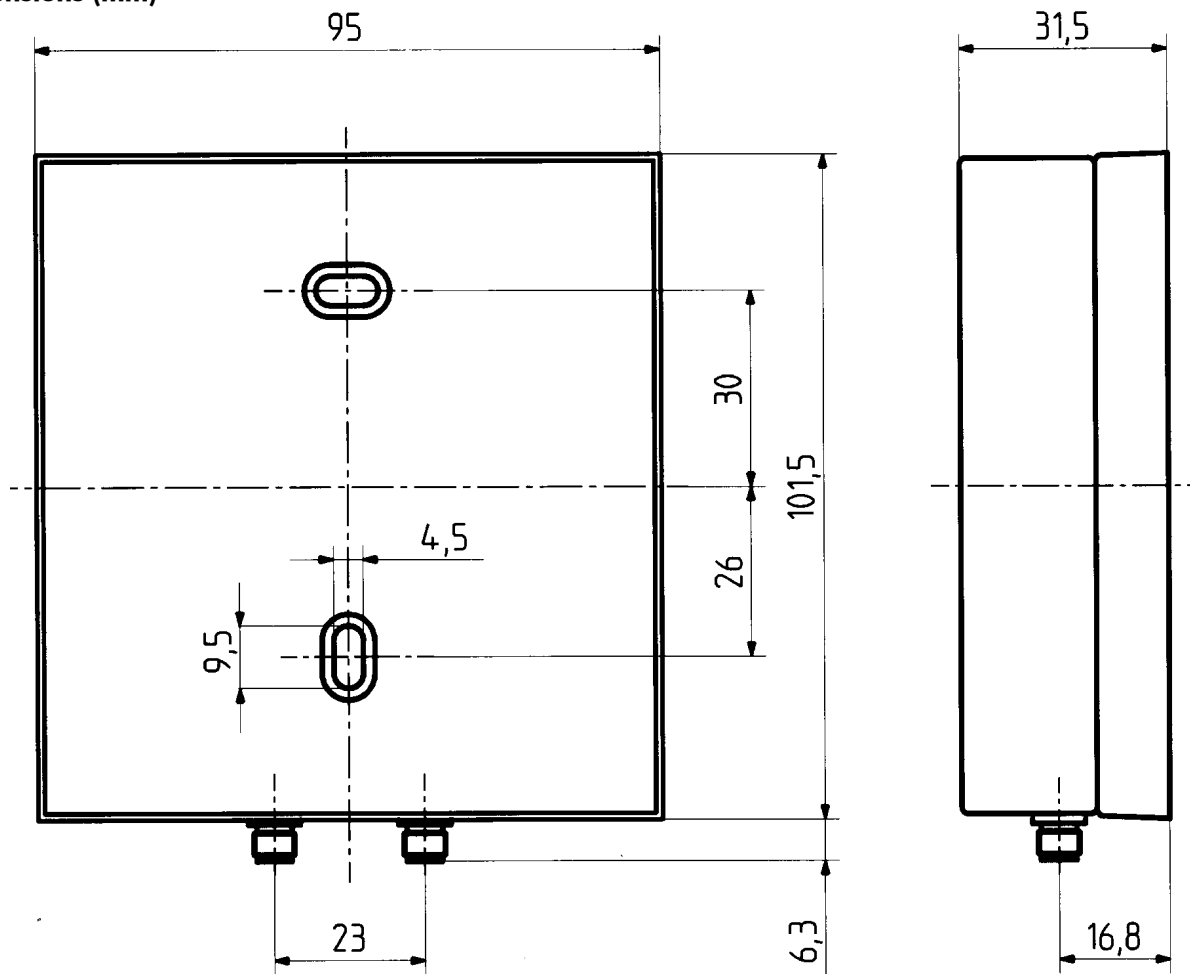


vertical

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Dimensions (mm)



Mounting and security instructions see HUBER+SUHNER document number 01.02.0777.
The document can be ordered at HUBER+SUHNER AG, Switzerland.

HUBER+SUHNER group is certified according to ISO 9001 and ISO 14001.

WAIVER!

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