



HUBER+SUHNER® PLANAR ANTENNA FOR WIRELESS COMMUNICATION

SPA 2400/20/18/0/CP

Technical Data

Electrical Properties

Frequency range	2300 - 2500 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	circular, left or right
Gain	18.0 dBi
3 dB beamwidth horizontal	20°
3 dB beamwidth vertical	20°
Downtilt	0°
Front to back ratio	30 dB
Axial ratio	1.5 dB
Max. power	50 W (CW) at 25°C

Mechanical Properties

Dimensions	450 x 385 x 20 mm (17.72" x 15.16" x 0.79")
Weight	1.5 kg (3.31 lbs.)
Housing material	aluminium anodized
Radome material	ASA
Radome color	RAL 7035 (light grey)
Operating temperature range	- 40°C to + 80°C
Storage temperature range	- 40°C to + 80°C
Windload	250 N at 160km/h (100mph)

Available Types

Article no.	Article no.	
1324.19.0012 (rhcp)	22652411	SMA female
1324.19.0013 (lhcp)	22652435	SMA female

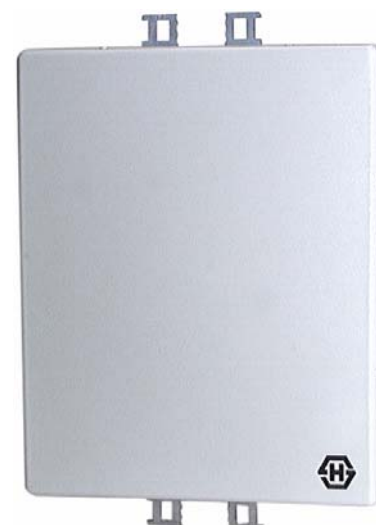
Mounting Hardware

Article no.	Article no.	
9091.99.0076	22652443	downtilt bracket
9091.99.0081	22652639	sidetilt bracket

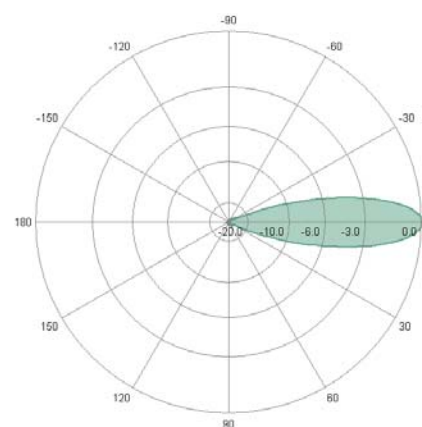
Wall and mast mounting material (2 metal bands) included,
mast diameter 54-100 mm (2.13" – 3.94")

Documents

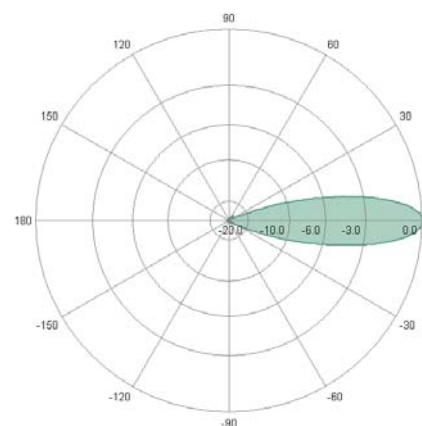
01.02.0777	security instruction
01.02.1516	mounting instruction



Radiation Pattern



horizontal



vertical

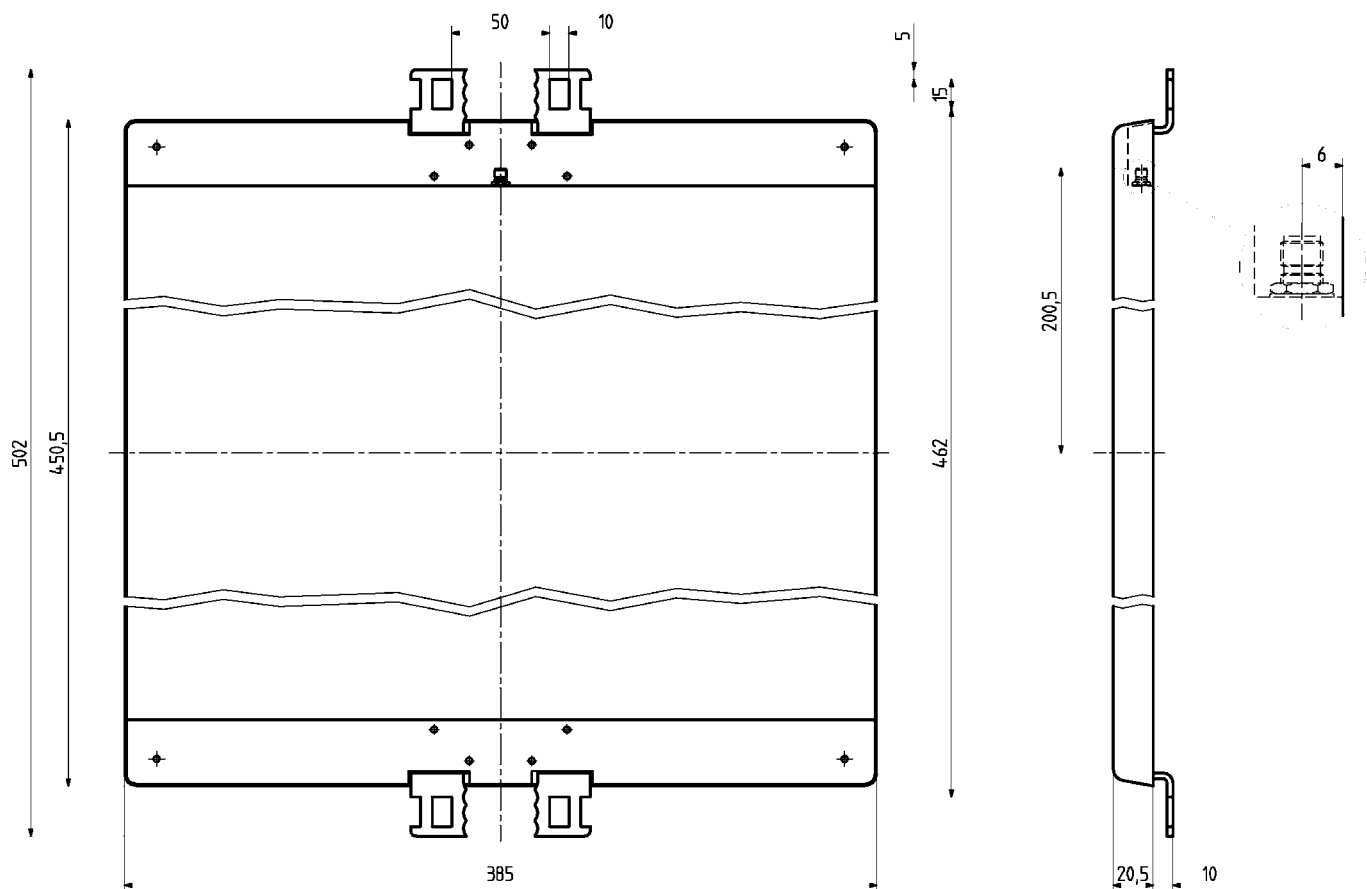




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Dimensions (mm)



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

WAIVER!

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