



HUBER+SUHNER® PLANAR ANTENNA FOR WIRELESS COMMUNICATION

SPA 2400/25/17/0/V

Technical Data

Electrical Properties

Frequency range	2300 - 2700 MHz
Impedance	50 Ω
VSWR	≤1.5
Polarization	vertical
Gain	16.5 dBi
3 dB beamwidth horizontal	25°
3 dB beamwidth vertical	22°
Downtilt	0°
Front to back ratio	> 20 dB
Continuous max. power	50 W (CW) at 25°C
Lightning protection	DC grounded

Mechanical Properties

Dimensions	280 x 280 x 50 mm (11.02" x 11.02" x 1.97")
Weight	1.07 kg (2.36 lbs.)
Housing material	aluminium anodized
Radome material	ASA
Radome color	RAL 7035 (light grey)
Operating temperature range	- 40°C to + 80°C
Temperature range	- 40°C to + 80°C
Windload	88 N at 150km/h

Available Types

Article no.	
1324.17.0039	N female

Mounting Hardware

Article no.	
9091.99.0076	downtilt bracket
9091.99.0081	sidetilt bracket

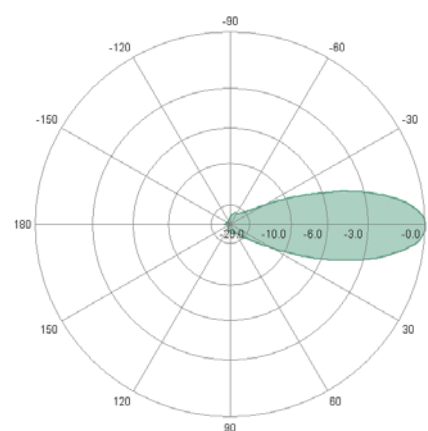
Wall and mast mounting material (2 metal bands) included,
mast diameter 54-100 mm (2.13" – 3.94")

Documents

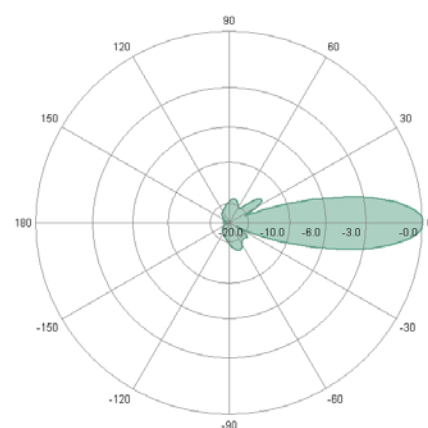
01.02.0777	security instruction
01.02.1516	mounting instruction



Radiation Pattern



horizontal



vertical

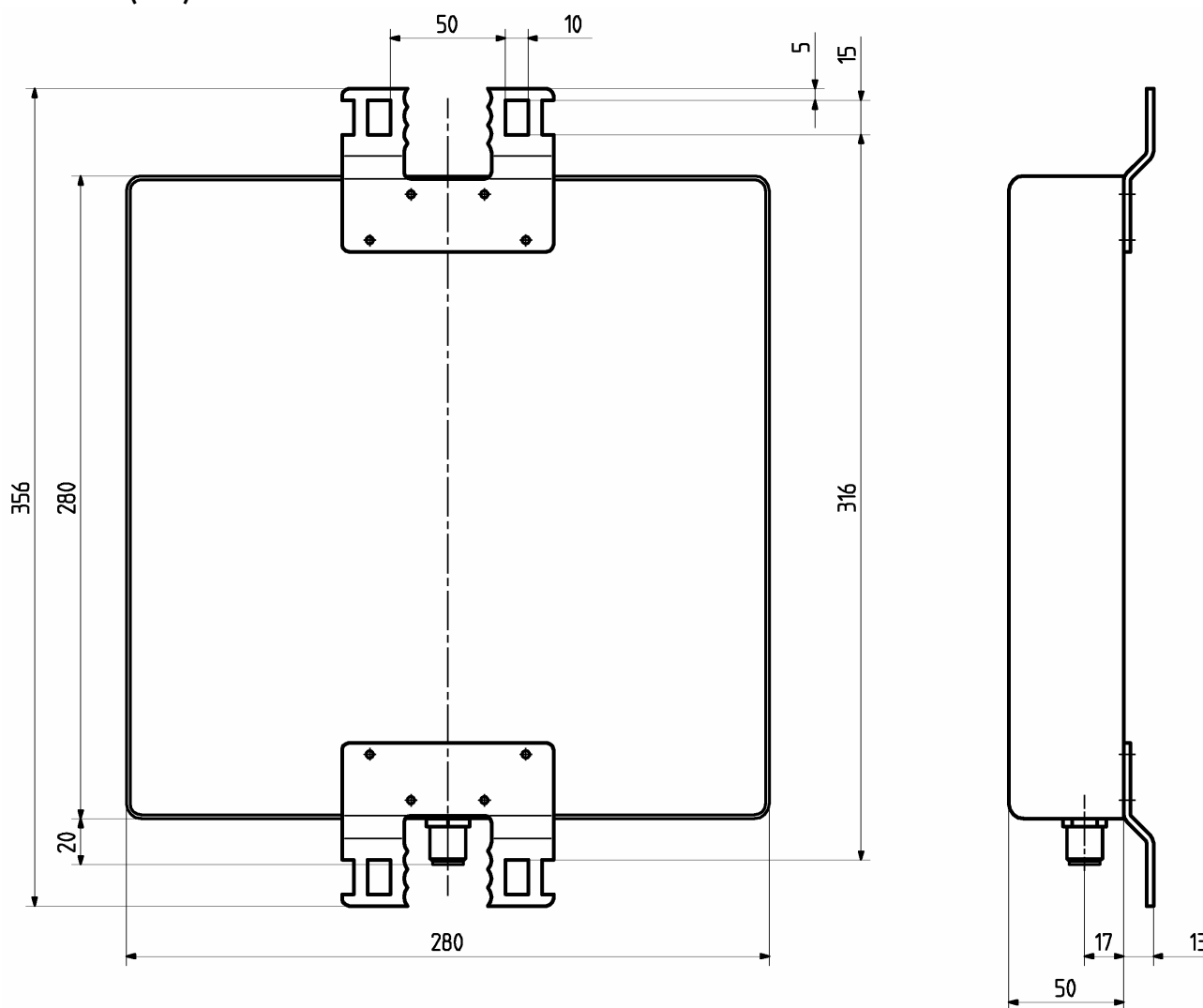




HUBER+SUHNER® PLANAR ANTENNA FOR WIRELESS COMMUNICATION

SPA 2400/25/17/0/V

Dimensions (mm)



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

WAIVER!

While the information contained has been carefully compiled to the best of our present knowledge, it is not intended as representation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.



HUBER+SUHNER AG
Mobile Communications + Electronics Sector
Communication Equipment Components
CH-9100 Herisau, Switzerland
Tel.: +41 (0)71 353 41 11
Fax: +41 (0)71 353 47 51
www.hubersuhner.com

Document no.: 01.02.0968

Issue no.: 5

Supersedes: 10.2004

Uncontrolled Copy

Issued/Checked/Released: 4159/4417/10.2004

Last amended: 4159

