

Declaration concerning Antenna Specification

It is hereby declared that the product

Model No.: LPM Basisstation Ser.1

FCC ID: 2AATD-PREMIUMBSV23

fulfills the requirement in FCC test relating to the antenna type.

The device specified above confirms to the FCC recommendations for please specify: external antenna type described below:

Model No. of antenna: SPA-5600 / 65 / 12 / 0 V

Type of antenna: Huber Suhner Patch Antenna
permanently attached with RF cable and SMA Plug

Peak Gain of the antenna: 12 dBi

Frequency range: 5150-5875 MHz

The mounting of the antenna is fixed to the radio module and no other antenna should be used.

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City: Regau

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Country: Austria

Place: Regau Date: 12.09.2013

Signature:


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HUBER+SUHNER®

PLANAR ANTENNA

FOR WIRELESS COMMUNICATION

SPA 5600/65/12/0/V

Technical Data

Electrical Properties	
Frequency range	5150 – 5875 MHz
Impedance	50 Ω
VSWR	1.5
Polarization	linear, vertical
Gain	11.5 dBi
3 dB beamwidth horizontal	65°
3 dB beamwidth vertical	35°
Downtilt	0°
Front to back ratio	18 dB
Max. power	80 W (CW) at 50°C

Mechanical Properties	
Dimensions	101 x 80 x 20 mm (3.97" x 3.15" x 0.79")
Weight	0.13 kg (0.29 lbs.)
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	15 N at 160km/h (100mph)

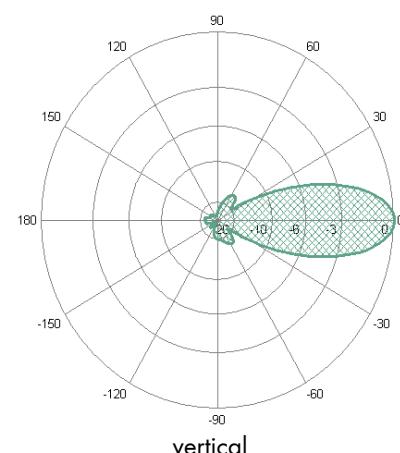
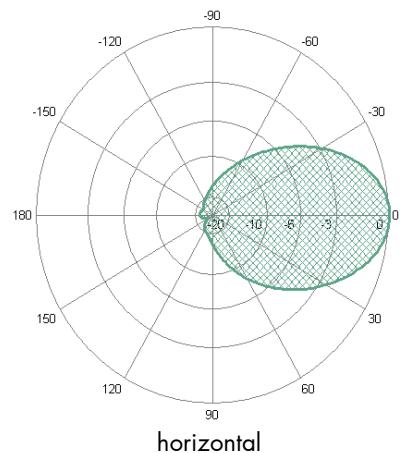
Available Types	Article no.	
1356.19.0002	23041806	SMA female
1356.26.0002	23041809	TNC female

Mounting Hardware

Wall and mast mounting bracket (1 metal band) included, mast diameter 40-60 mm (1.57" – 2.36")



Radiation Pattern



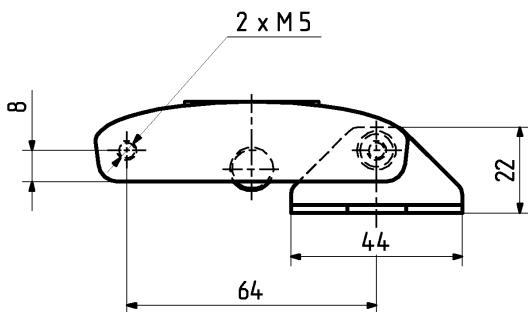
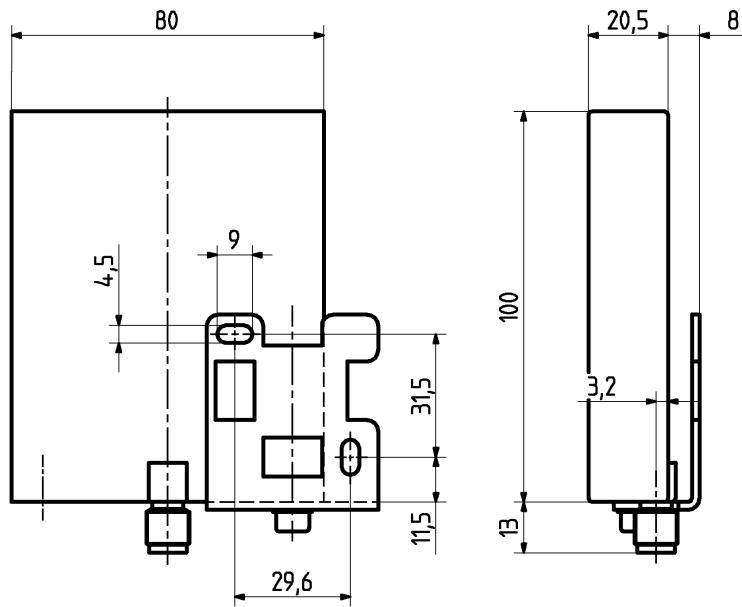
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Dimensions (mm)



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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