

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.

Company name: Inmotiotec GmbH

Address: Oberregauerstraße 48

City: Regau

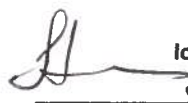
ZIP / Postal code: 4844

Country: Austria

Place: Regau

Date: 12.09.2013

Signature:


inmotiotec GmbH
local position measurement
Oberregauer Straße 48
4844 Regau, Austria
T +43 (0) 7672/277 20-0
F +43 (0) 7672/277 20-401
E info@inmotiotec.com
www.inmotiotec.com

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

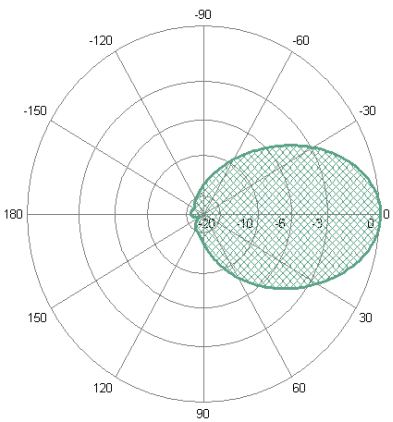
Mechanical Properties	
Dimensions	101 x 80 x 20 mm (3.97" x 3.15" x 0.79")
Weight	0.13 kg (0.29 lbs.)
Radome material	ASA
Radome color	RAL 7035 (light-grey)
Operating temperature range	- 40°C to + 80°C
Storage temperature range	- 40°C to + 80°C
Windload	15 N at 160km/h (100mph)

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

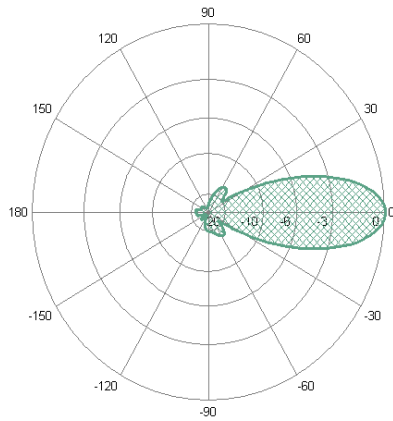
Mounting Hardware	
Wall and mast mounting bracket (1 metal band) included, mast diameter 40-60 mm (1.57" – 2.36")	



Radiation Pattern



horizontal



vertical

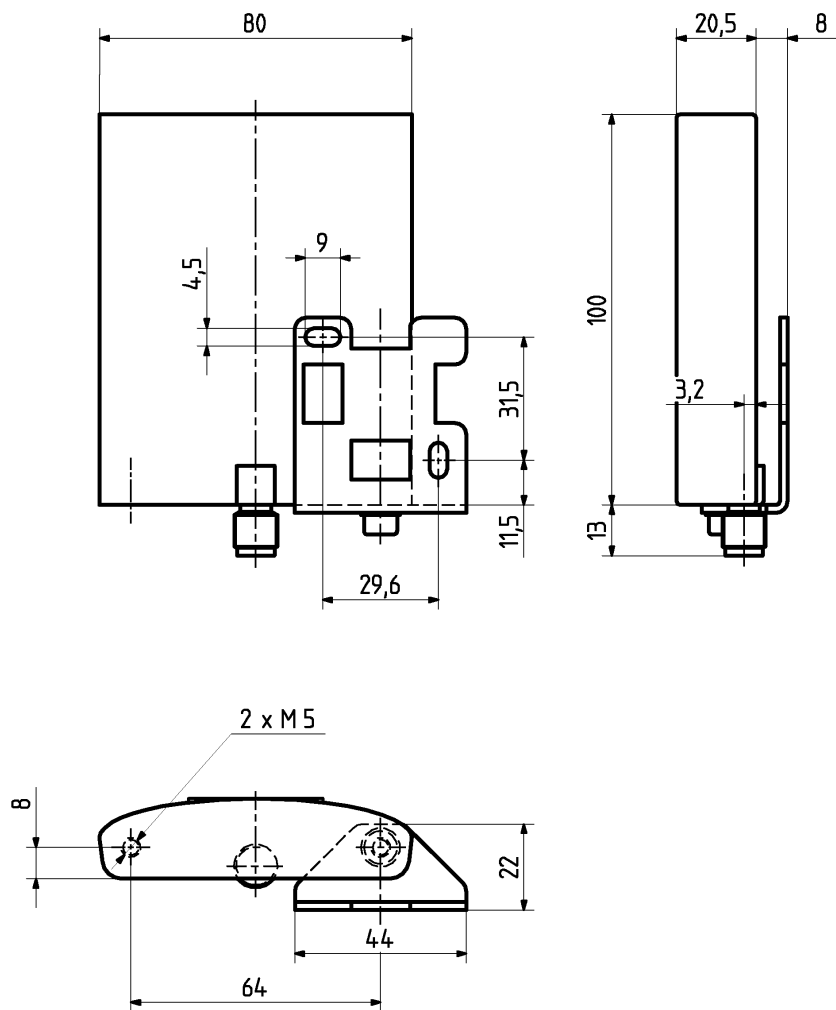
HUBER+SUHNER®

PLANAR ANTENNA

FOR WIRELESS COMMUNICATION

SPA 5600/65/12/0/V

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!
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

HUBER+SUHNER AG
Wired Solutions + Networks
Communication + Power Networks
CH-9100 Herisau, Switzerland
Tel.: +41 (0)71 353 41 11
Fax: +41 (0)71 353 47 51
www.hubersuhner.com

Document no.: 01.02.0980
Issue no.: 1
Supersedes: 10.2003

Uncontrolled Copy
Issued/Checked/Released: 4159/4174/10.2003
Last amended: 4159