

HUBER+SUHNER® DATA SHEET

Suhner Planar Antenna: 1336.17.0021



Rev.: M

SPA-3600/90/17/0/DS

Description

Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	3400 - 3800
VSWR	1.5
Gain	17 dBi
3dB beamwidth (h) (°)	90
3dB beamwidth (v) (°)	5
Front to back ratio	25 dB
Electrical downtilt (v)	0
Isolation between Port	25 dB

General Data

Nominal Impedance	50 Ω
Polarisation	+/-45° slant
Connector	N, jack (female), bottom
Composite Power max.	20 W
Ambient Temperature	60 °C

Mechanical Data

Dimensions (mm)	953 x 164 x 33 (Height x Width x Depth)
Weight	4.45 kg
Windload	frontal: 280 N, lateral: 200 N at km/h
Wind Speed	survival: 200km/h, operational: 200 km/h
Mast Diameter (mm)	50 - 115
Included mounting Material	Mast mounting material (2 metal bands)
Remarks	

Environmental Data

Operation Temperature (°C)	-50 to 80
IP Rating	IP 54
Storage Temperature (°C)	-50 to 80
Transport Temperature (°C)	-50 to 80
Flammability Rating	UL 94-HB
RoHS	compliant
Remarks	

Material Data

Radome Colour	RAL 7035 (light-grey)
Radome Material	SAN (Styrol-Acrylnitril-Copolymer)
Back Plate/Base Plate Material	Aluminium

Related Products

9091.99.0193 Downtilt Bracket_WIMAX
9091.99.0160 Sidetilt Bracket_UMTSantenna



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

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

HUBER+SUHNER – Excellence in Connectivity Solutions



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

HUBER+SUHNER® DATA SHEET

Suhner Planar Antenna: 1336.17.0021

Rev.: M



Related Documents

Mounting Instruction	DOC-0000230621
Painting Instruction	DOC-0000256180
Security Instruction	DOC-0000278984
Outline Drawing1	DOU-00088711.1

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

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

HUBER+SUHNER – Excellence in Connectivity Solutions



HUBER+SUHNER AG

RF Industrial

9100 Herisau, Switzerland

Phone +41 (0)71 353 41 11

Fax +41 (0)71 353 45 90

www.hubersuhner.com