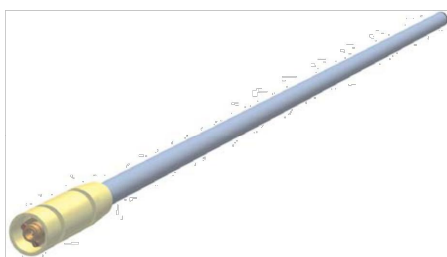


Omnidirectional Antennas KA60.0



The omnidirectional antenna KA60.0 is designed for base radiostations working in bands of 66-72 MHz with Bandwidth 5 MHz. The antenna has a omni-directional radiation pattern with the gain of 0 dBd and is suitable for the top-mounting. The antenna is broadband.

As for construction, the antenna is designed as a coaxial dipol put in a laminate case. It is connected to the coaxial cable by the coaxial plug "N" type which is soled together with this antenna.

It is possible to order holders produced of zinc-plated steel for towers' diameters of 30 to 180 mm.

ELECTRICAL PARAMETERS

Frequency range [MHz]	66 - 72 with Bandwidth 5 MHz
Gain [dBd]	0
Radiation angle in E-plane [°]	78
Radiation angle in H-plane [°]	omnidirectional
VSWR	<1.8
Polarization	Vertical
Impedance [Ohm]	50
Max. Input power [W]	200
Antistatic protection	All metal parts DC-grounded (shows as DC-short)

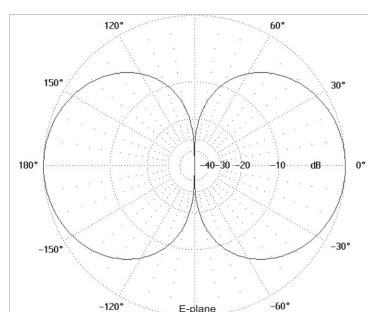
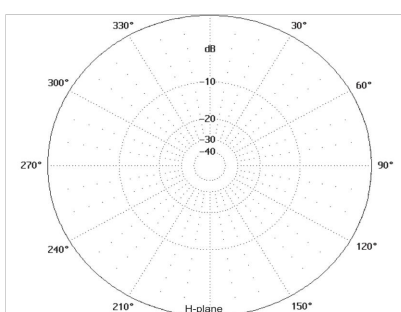
MECHANICAL PARAMETERS

Connection	N female
Wind Surface/ with 15 mm icing [m ²]	0.064 / 0.142
Wind Load/ with 15 mm icing [N]	103/ 228 @ 150 km/h
Length [mm]	2600
Weight [kg]	3.0
Mouting	Supplied with mast bracket suiting 30-76 mm dia.mast

RADIATION PATTERNS

E-plane	038DE00
H-plane	000ND00

Radiation Patterns code is generated with VARIOUS software



Název výkresu:

VAROVNÝ INFORMAČNÍ SYSTÉM DĚČÍN
PŘEVADĚČ P1, CHLUM: Annténí systém – charakteristiky antény

Datum:

11/2016

Revize:

7

Měřítko:

1:10000

Formát:

1xA4

Číslo výkresu:

4

List:

1

Listů: 1