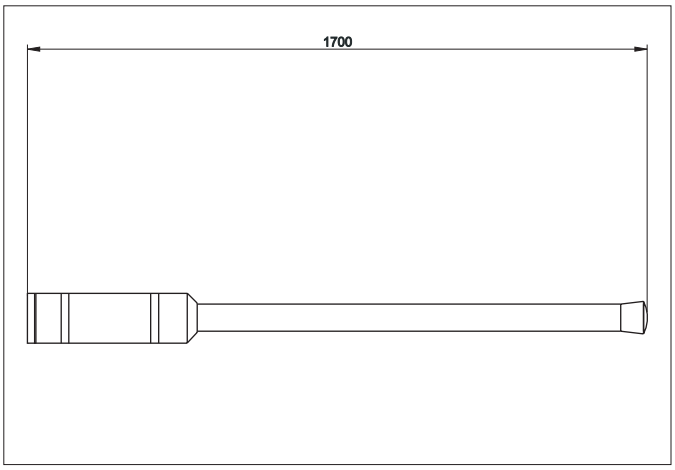
Omnidirectional Antennas KA330.3



The omnidirectional antenna KA330.3 is designed for base radiostations working in bands of 330-355 MHz. The antenna has a omni-directional radiation pattern with the gain of 3 dBd and is suitable for the top-mounting. The antenna is broadband and that is why it is suitable for duplex operations.

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]	330-355
Gain [dBd]	omnidirectional
Radiation angle in E-plane [°]	<1.5
Radiation angle in H-plane[°]	Vertical
VSWR	50
Polarization	200
Impedance [Ohm]	All metal parts DC-grounded (shows as DC-short)
Max. Input power [W]	
Antistatic protection	
MECHANICAL PARAMETERS	
Connection	N female
Wind Surface/ with 15 mm icing [m²]	0.045 / 0.100
Wind Load/ with 15 mm icing [N]	71 / 158 @ 150 km/h
Length [mm]	1700
Weight [kg]	1.3
Mouting	Supplied with mast bracket suiting 30-76 mm dia.mast
RADIATION PATTERNS	
E-plane	015DE22
H-plane	000ND00

Radiation Patterns code is generated with VA99TOOL software