ASAY VERTICAL TRAP 2 kw "AVT 3"
Cone-shaped pipes and coaxial capacity traps

CHARACTERISTICS:

IMPEDANCE : 52 Ohm
MAXIMUM POWER : 2000 W with wire radials
MAXIMUM POWER : 400 W with charged radials
S.W.R. : 1:1,4 or better
GAIN : 3,8 dB
HEIGHT : 3,8 M
WEIGHT : 4,8 kg
CONNECTOR : SO 239
MATERIAL : ANTICORODAL ALLUMINIUM
TRAPS : DOBLE COAXIAL CAPACITY

Tappo da 16mm
85 - Ø 16mm
30,5 - Ø 50mm
126 - Ø 28 mm
142 - Ø 32mm
Foro per radiali
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INSTALLATION:

1) The first number on the right points out the length of the single pipes constituting the antenna in centimeters.
2) The second number points out the pipes relative diameter in millimeters.
3) The 8 mm bolt and the 4 available cable terminals are useful to fix the wire radials to the antenna.
4) Set the antenna on a telescopic tower at a lowest height of 3 meters approx. from ground.
5) Set the wire radials in such a way the top of each radial is at a lowest height of approx. 2 meters from ground.
6) You can eventually use charged fiber glass wire radials self-supporting to screw on the base, that are available on request.
7) For the wire radials use 2,5 mmq cables and set them in symmetric angulation, i.e. at a 120 grades angulation between them.

RADIALS LENGTH
10 M. = 263 cm
15 M. = 357 cm
20 M. = 505 cm

The wire radials length is only indicative; for the antenna calibration it will be necessary act on the length of the radial corresponding to the frequency measuring.