

# Base station antenna

## BSA VHF



The wideband omnidirectional antenna, with no tuning required. The antenna covers the whole band of terrestrial mobile radiocommunication. The antenna is designed for vertical polarization, resistant to effect of walls and metal parts of mounting construction, DC-grounded. In lower locations doesn't require additional lightning protection. As opposed to BSO-VHF/W, it has reinforced construction with fiberglass cover and a different kind of a technology of the assembly and joining of metal parts with cover. The radiation element has a different construction in order to get a flatter course of VSWR in the whole operating range. Structural changes enable applications in more responsible radio systems

## ELECTRICAL

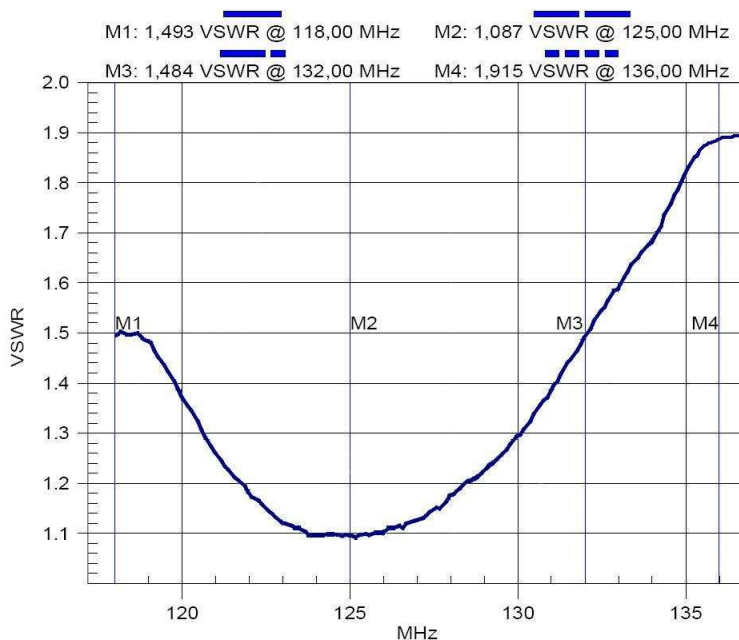
Gain	0 dB
Radiation pattern	Omnidirectional
Impedance	50 $\Omega$
Antenna type	dipole
VSWR	$\leq 2$
Frequency range	118 - 136 MHz
Bandwidth	18 MHz
Maximum power	150 W

## MECHANICAL

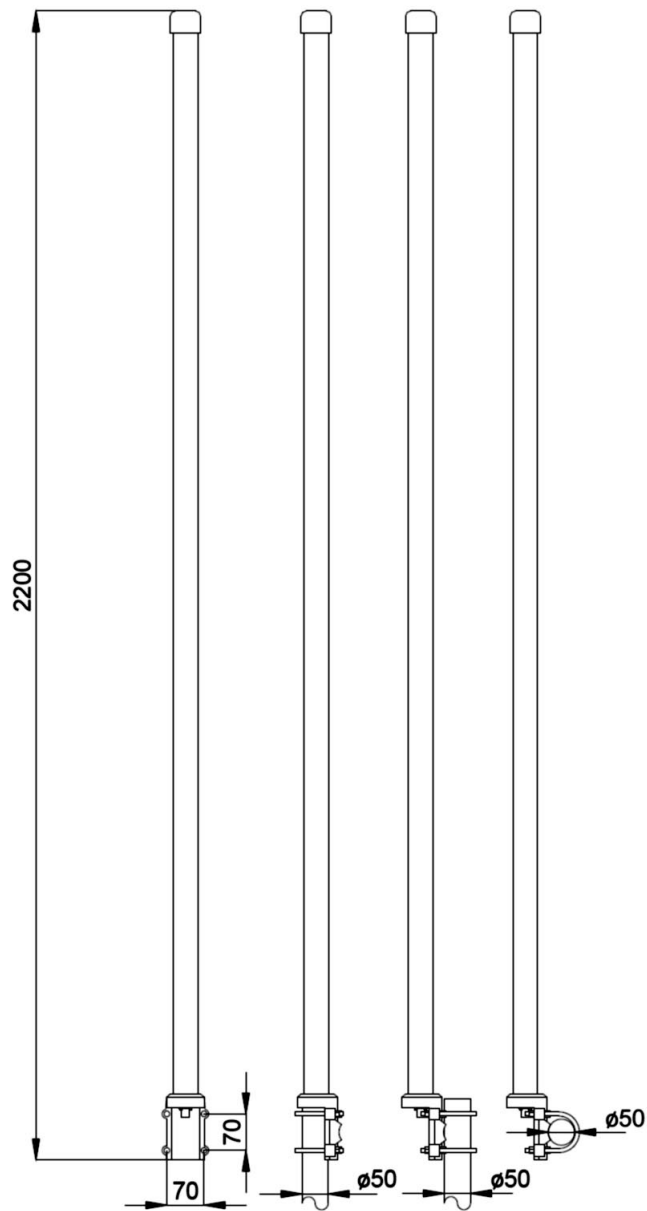
Connector type	N
Material	Fiberglass laminate, aluminum
Polarization	vertical
Total weight	6 kg
Lightning protection	DC-grounded
Total length	2200 mm
Packaging	Carton box
Warranty period	3 lata
Wind speed	120 km/h

## CLIMATIC CONDITIONS

Temperatura range	-40°C ÷ +70°C
Humidity	$\leq 100\%$ at +40°C



VSWR



**Total dimensions and methods of assembly**



**P.U.P. Net-Com**

41-902 Bytom, ul. Piekarska 102/7  
tel./fax (32) 282-68-21, 0601-22-08-97

www.net-com.bytom.pl e-mail : biuro@net-com.bytom.pl