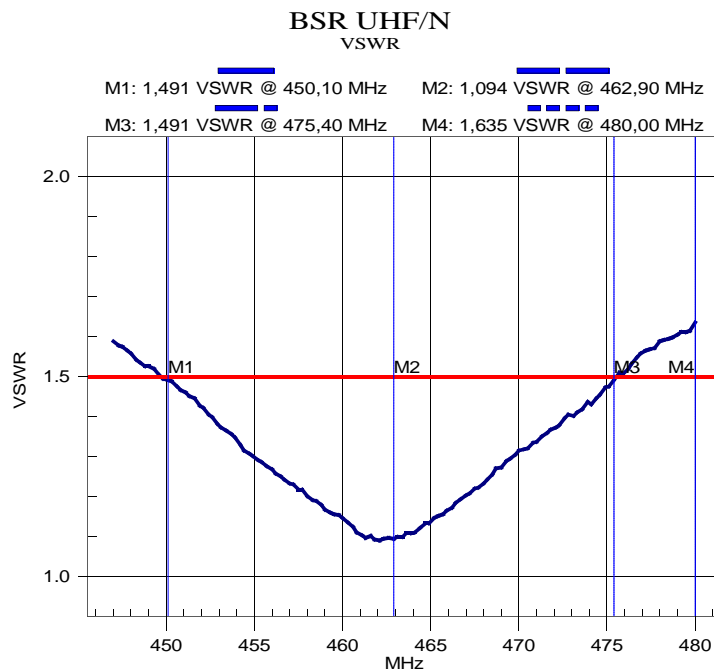


BSR - UHF

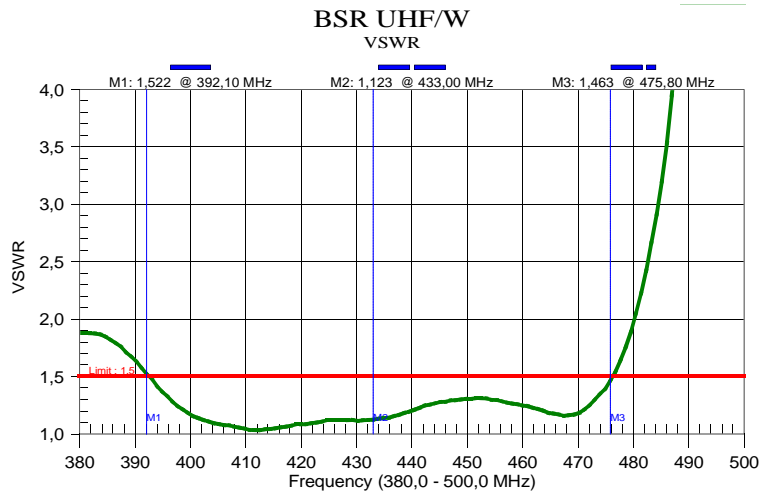


The omnidirectional antenna, vertically polarized, produced in versions cover the whole UHF band. Waterproof construction made of fiberglass ensures dependable service in all environments. Vertical radiation pattern is optimized with a special consideration of mobile radiocommunications operating in urban environment and telemetry networks. The antenna is DC-grounded and in the low-built locations doesn't require an additional lightning protection. The antenna covers the UHF band in subbands of 25 MHz wide (narrowband performance) with the gain of 3 dB and subbands of 80 MHz wide (narrowband performance) with the gain of 0 dB.

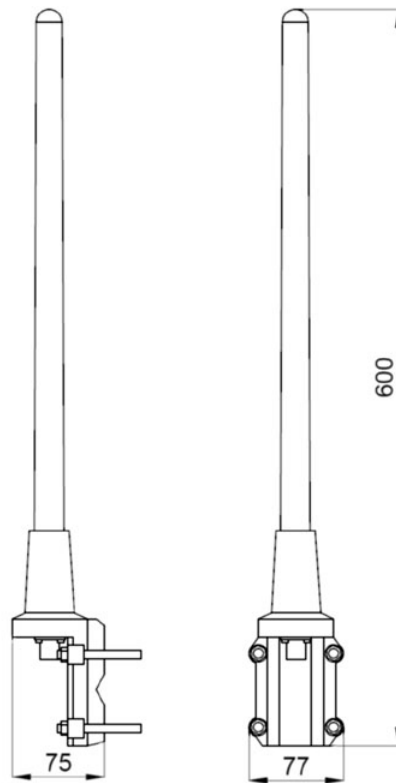
ELECTRICAL	
Gain	0 dB (wideband) 3 dBd (narrowband)
Radiation pattern	omnidirectional , 000ND00
Impedance	50 Ω
Antenna type	colinear
VSWR	$\leq 1,5$
Frequency range	390 -470 MHz
Bandwidth	80 MHz (wideband), 25 MHz (narrowband)
Maximum power	200 W
MECHANICAL	
Connector type	N, SMA, TNC
Material	Aluminum (powder painting cast, fiberglass)
Polarization	vertical
Total weight	0,6 - 2,5 kg depending on the performance
Lightning protection	DC-grounded
Total dimensions (height)	600,0 mm(wideband), 2200,00 mm (narrowband)
Packaging	Carton box
Warranty period	5 years
Wind speed	140 km/h
CLIMATIC CONDITIONS	
Temperature range	-40°C ÷ +70°C
Humidity	$\leq 100\%$ at +40°C



VSWR of the BSR UHF/N (narrowband)



VSWR of the BSR UHF/W (wideband)



Overall dimensions of the antenna (wideband performance)
mounting on a mast with a diameter of 50.0 mm max



Base of the antenna



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