

VA 02

DESCRIPTION

The **VA 02** omnidirectional antenna is designed for assembly on the car roof, or stationary installation with antenna counterpoise (steel ceiling, external antenna counterpoise, etc.). The antenna is designed for the systems in frequency bands 136 ÷ 174 MHz, 400 ÷ 470 MHz, includes digital system TETRA.

TECHNICAL SPECIFICATION

Type	VA 02	
Frequency	MHz	136 ÷ 512
Gain	dBi	2
Radiation pattern	omnidirectional	
Length of whip	$\lambda / 4$	
Polarization	vertical	
Bandwidth	MHz	$\pm 5\%$ from center frequency
VSWR	< 1.5	
Impedance	Ω	50
Maximal input power	W	50
Material	brass, plastic, stainless steel	
Weight width cable	kg	0.2
Long of cable	m	3.5
Basic size of whip	mm	550
Mounting hole	mm	$\varnothing 8.5$
Connector	type "BNC", "TNC", "N", "FME" - male	



Note:

Antenna whip is necessary to be shorten to required working frequency according to "Cutting down diagram".

