



Description

The vehicle antennas are designed for assembly on the car roof. Antennas are designed for mobile radios in radio network of TETRAPOL system in frequency band from 380 to 395 MHz.

Antenna bases are identical therefore antenna whips are exchangeable.

Technical Specifications

Type		VA 66	VA 67 SM	VA 68
Frequency range	MHz	380 ÷ 395		
Gain	dBi	2		5
Radiation pattern		omnidirectional		
Polarization		vertical		
Length of antenna radiator		$\lambda / 4$		$5/8 \lambda$
Impedance	Ω	50		
VSWR		< 1.8		< 1.5
Maximum input power	W	20		
Whip tilt angle	°	74		
Length of whip	mm	137	200	511
Weight with antenna base	kg	0.08	0.1	
Material of antenna		plastic, galvanized iron, brass		
Mounting hole	mm	$\varnothing 19 (15 \times 15)$		
Connector type		FME (3.5 m TNC, BNC)		



Antenna whips

Note: The vehicle antennas are terminated with coaxial cable length of 0.3 m with FME female connector. They are supplied with jumper cable length of 3.5 m with FME male connector on the first end and BNC male or TNC male connector on the other end according to the order.