

Description

MO 13.1 and MO 13.51 mobile whip antennas with magnetic holder are designed for assembly at different steel-sheet roof vehicles. They ensure secure connection to vehicle to maximum speed of 180 km/h.

Antenna consist of antenna whip and antenna metal holder covered by plastic cap. Cupreous whip wire is covered by fiberglass. Magnet placed in holder is covered by tin-galvanized steel plate. Magnetic holder and plastic cap are black. Rubber gasket protects the periphery of holder. Antenna whip is conductively connected with matching circuit through stainless antenna parts. Whip surface is green (khaki).

Installation: Antenna is fixed by magnetic holder. It is recommended to place antenna as close as possible to the centre of upper conductive part of vehicle body.



Detail of antenna base with magnetic holder

Technical Specifications

Type		MO 13.1	MO 13.51
Frequency range	MHz	30 ÷ 88	
Signal range for common undulating ground	Output Tx power 0,2 W km	~ 4	
	Output Tx power 5 W km	~ 15	
Radiation pattern		omnidirectional	
Polarization		vertical	
VSWR		≤ 6	
Impedance	Ω	50	
Maximum input power	W	30	70
Operating temperature	°C	-30 ÷ +60	
Dimensions: antenna base diameter × height	m	∅ 125 × 1576	
Weight	kg	1.9	
Coaxial cable length	m	3	
Connector type		BNC male	

