

Model SG-CB/VHF

Dual-Band Mobile Antenna 27/145 MHz



Installation Manual

DESCRIPTION

Multi-band vehicular antenna working on 27 MHz and 145 MHz. It has been made with the very best materials to guarantee the maximum strength and the best performance. The whip, made of 17/7 PH stainless steel, incorporate a custom inclination system that allows it to be tilted to 90° without using keys or tools. Also a particular attention has been paid to the UHF-male antenna connector with a goldplated center pin, a "Teflon" insulator and a silicon rubber gasket for a perfect waterproofing.

SPECIFICATIONS

Electrical Data

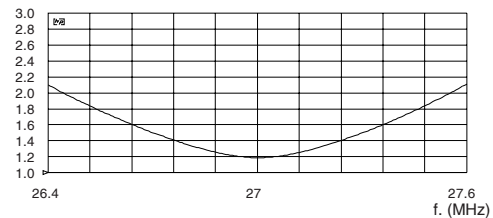
Type	:	1/4 λ central loaded at 27 MHz; 1/4 λ at 145 MHz
Frequency Range	:	26-28 MHz; 140-150 MHz
Impedance	:	50 Ω Unbalanced
Radiation	:	Omnidirectional
Polarization	:	Vertical
Gain	:	5.5 dB at 27 MHz; 0 dB at 145 MHz ref. to a $\lambda/4$ whip
Bandwidth at V.S.W.R. 2:1	:	1.1 MHz at 27 MHz, 12 MHz at 145 MHz
V.S.W.R. at f. res.	:	$\leq 1.3 : 1$
Max Power	:	120 Watts at 27 MHz; 200 Watts at 145 MHz
Feed System / Position	:	C-match / Base
Connection	:	UHF-Female

Mechanical Data

Materials	:	Stainless Steel 17/7 PH, Chromed Brass, Copper
Height (approx.)	:	1355 mm
Weight (approx.)	:	330 gr

TYPICAL S.W.R. RESPONSE

S.W.R.



S.W.R.

