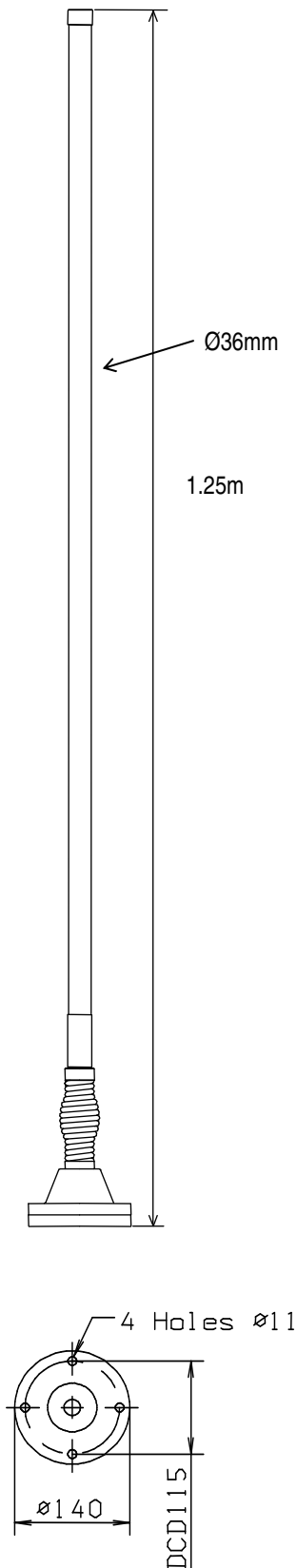


COMROD VHF100512VM

VHF/UHF Broadband Antenna



Application:

The VHF100512VM is a broadband antenna covering the complete 100 to 512MHz range. It is intended to be used on all kinds of vehicles including Jeeps, Trucks and Armoured vehicles.

The antenna needs no adjustments for different frequencies, and all the tuning elements are within the whip.

Diplexers for use with two transceivers can be delivered.

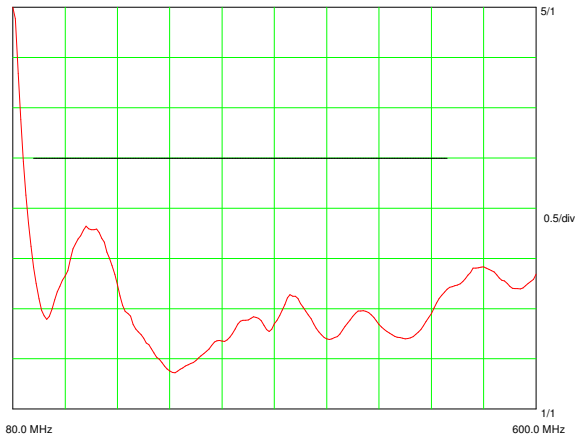
Electrical specifications:

Frequency range	100-512MHz
VSWR	≤3.5
Nominal impedance	50 ohm
Power rating	50 W +0.8dB, 10 min
Gain	-5.. 1.5 dBi, see reverse side
Radiation pattern	Azimuth: Omnidirectional
Polarisation	Vertical
Connector	BNC female, others on request

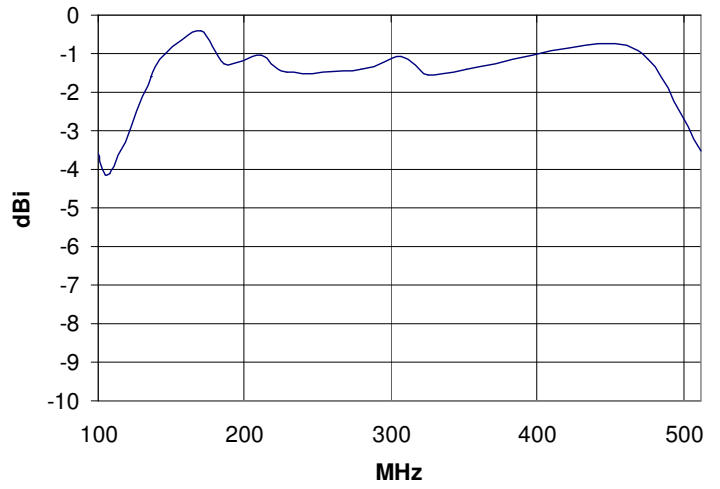
Mechanical specifications:

Design	Broad band centered dipole. Radiating element completely enclosed in epoxy/fiberglass laminate. Metal parts are brass and stainless steel.	
Length	Total:	1.25m
	Whip:	1.05m
	Base:	0.23m
Weight	Total:	3.65kg
	Whip:	1.4kg
	Base:	2.25kg
Wind rating	55 m/s = 125 mph	
Finish	Polyurethane lacquer, olive drab, other colours on request.	
Temperature range	-55 °C, +71°C; -67 °F, +160 °F	
Installation	Standard 4 hole NATO base with spring	

VSWR



Gain



Optimal bases with CEF-connection

