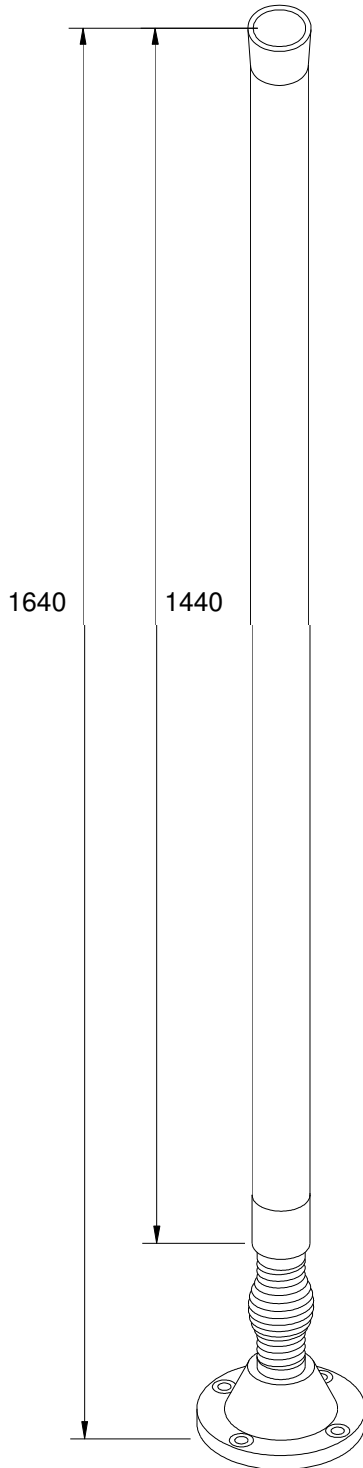


# COMROD VHF108185VM

## VHF Broadband antenna

### Features:

- 108 – 185MHz
- Designed for operation on all kinds of vehicles including Jeeps, Trucks and other armored vehicles
- Suitable for operation on shelters and to be mounted on masts or in other permanent installations.
- No tuning electronics in the base.
- Rugged high quality antenna with a durable construction
- No ground plane required
- 4 holes NATO flange base with spring.
- Optional bases available, with or without spring for flexible or rigid installations.

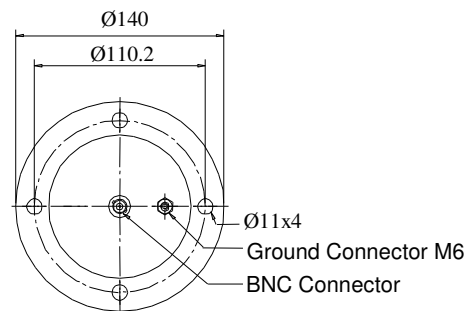


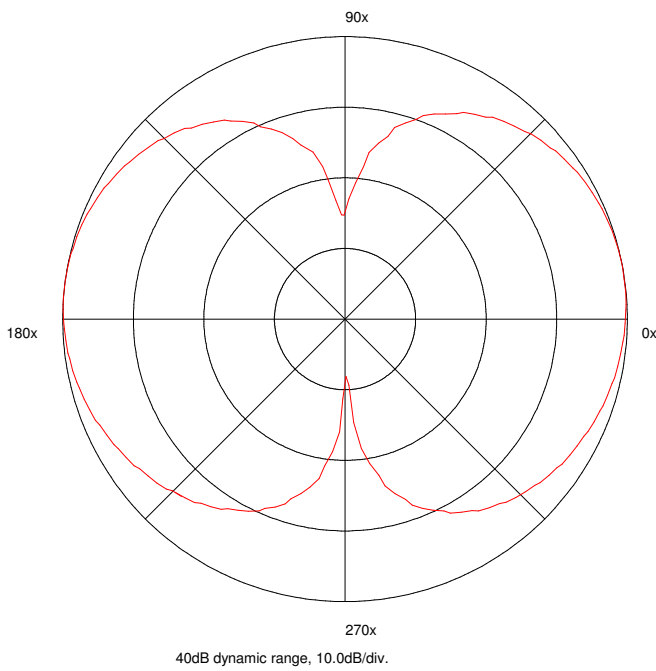
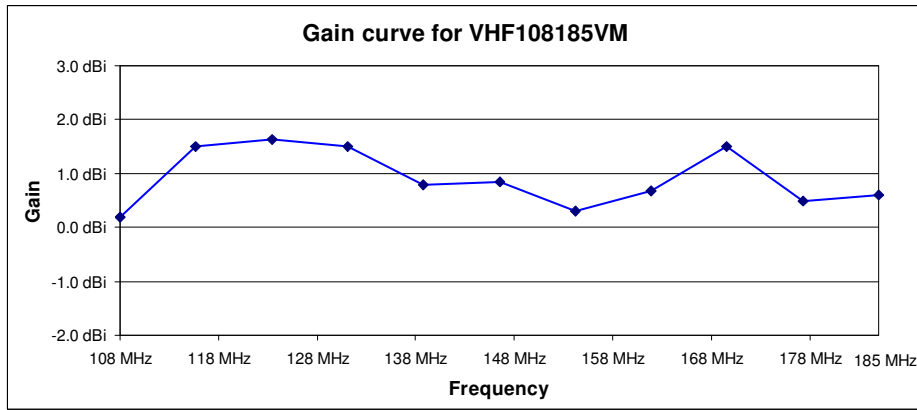
### Electrical specifications:

Frequency range	108-185MHz
VSWR	≤2.6, see curve
Nominal impedance	50Ω
Power rating	50W continuous for 20min
Gain	≥0dBi, see curve
Radiation pattern	Horizontal plane: Omnidirectional Vertical plane: Like any dipole, see curve
Polarization	Vertical
DC-grounded	Yes
Connector	Base bottom: BNC-female, other on request

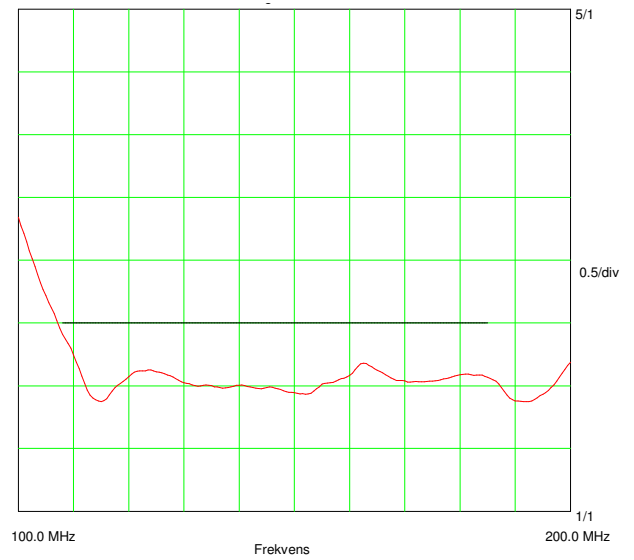
### Mechanical specifications:

Design	Centered dipole. Radiating element completely enclosed in epoxy/fiberglass laminate. Metal parts are brass and stainless steel.
Length	164 cm
Weight	Whip: 1.7kg Base: 1.9kg
Wind ration	TBD
Finish	Polyurethane lacquer
Temperature range	-55°C to +71°C, -67°F to +160°F





Radiation diagram.



VSWR

### Optional bases

