

Technical Description

- VHF dipole antenna, 30-88MHz
- Unique roll-up man-portable design
- Gain performance better than 2.7m Comrod vehicle dipole antenna (VHF3088VM)
- Can be supported with a GRP manpack mast like 5.4m Comrod AMX54
- Supplied with hoisting rope for deployment using available structures or trees.

Electrical Specification

Frequency	30-88MHz
VSWR	< 3.5
Nominal impedance	50 ohm
Power rating	50W PEP
Gain	See graph
Radiation pattern	Omnidirectional
Polarisation	Vertical
Connector	TNC male or BNC female Others available on request

Mechanical Specification

Design	Centre fed dipole. Roll-up webbing construction
Length	3.5m (11.5ft)
Weight	Antenna - 0.6kg Throwing cord - 0.4kg
Finish	Fabric/webbing
Colour	Green
Installation	Deploy using suitable structure or tree with supplied hoisting rope
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

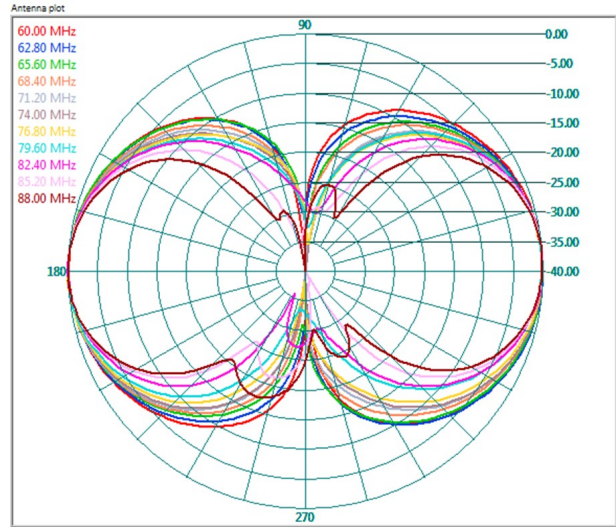
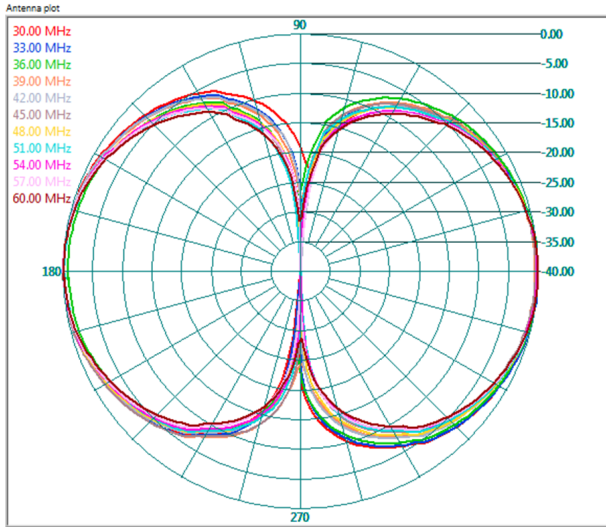


Antenna rolled (man-portable)

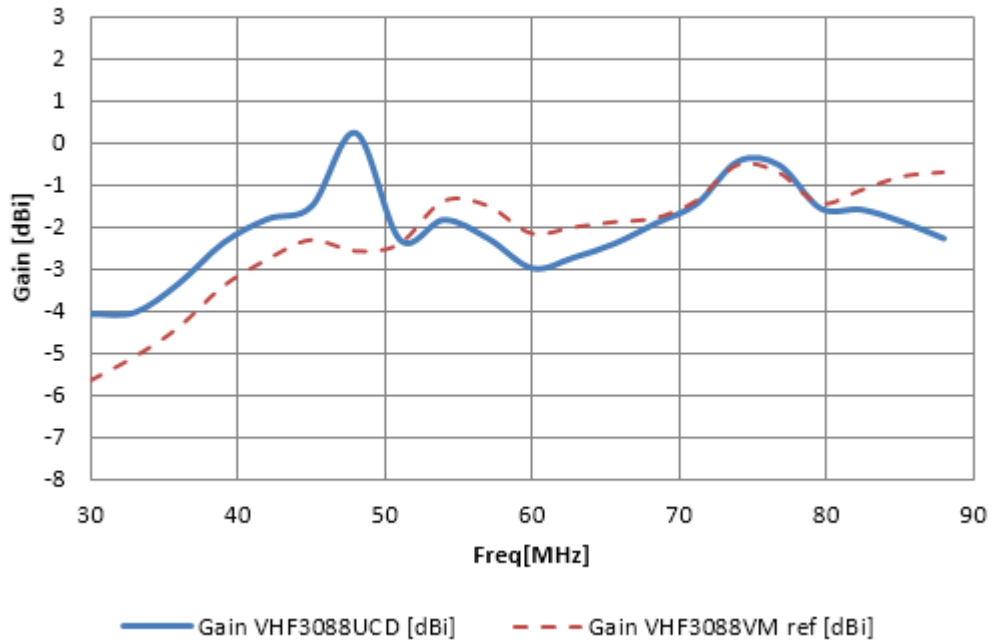


Throwing/hoisting rope and weight

Radiation Patterns

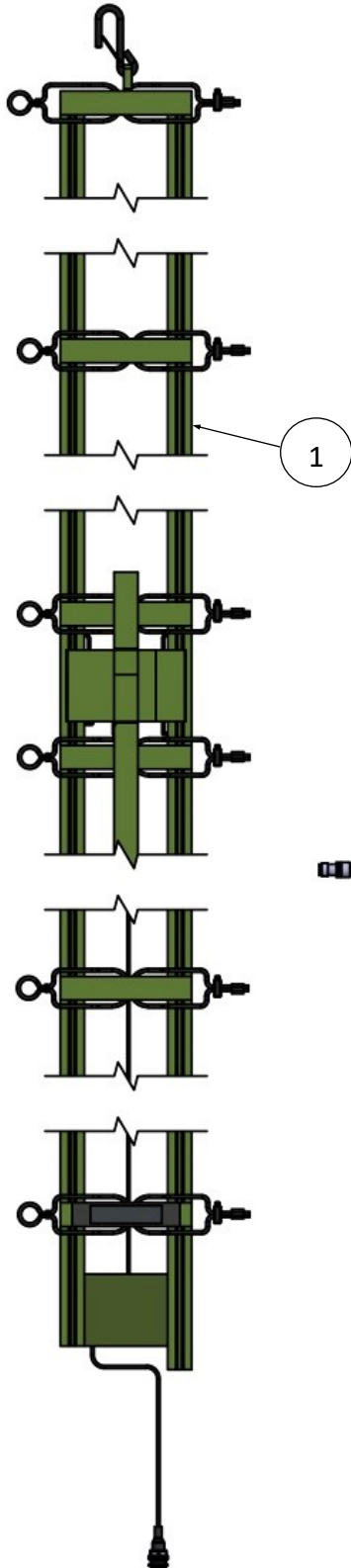


Gain



Gain comparison between the VHF3088UCD and standard Comrod 2.7m VHF3088VM vehicle dipole antenna.

Typical Kit Contents



Description	Item	Qty
VHF3088UCD Antenna	1	1
Coaxial cable, 10m	2	1
Throwing cord	3	1
Bag (antenna)	4	1
User manual	-	1

