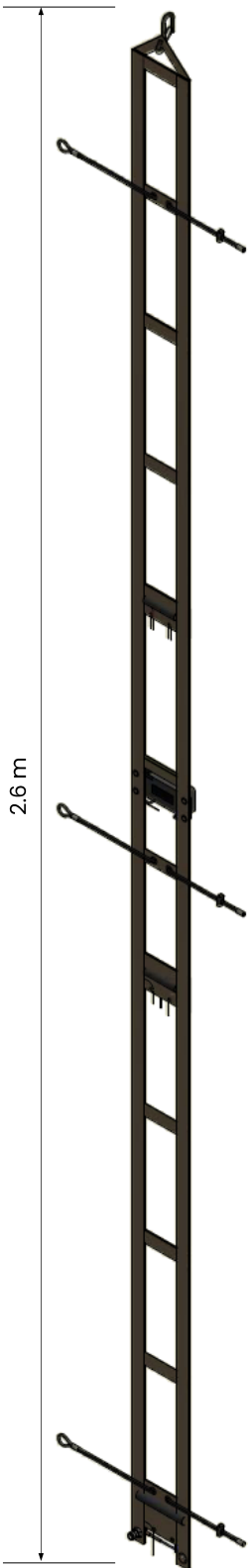


## VHF30512UCD

VHF/UHF man-portable roll-up antenna, dipole, 2.6 m, 30-512 MHz

**Tactical Antennas: Tactical and Base Station**



Top snap hook for hanging antenna



Centre junction of antenna



Antenna connector and pole attachment strap

### Technical Description

- VHF dipole antenna, 30-512 MHz
- Unique roll-up man-portable design
- 10 metre coaxial cable TNC male connectors and strain relief. Supplied with N type and BNC adaptors
- Throwing cord for deployment using available structures or trees
- Can be supported with a GRP manpack mast like 5.4 m Comrod AMX54

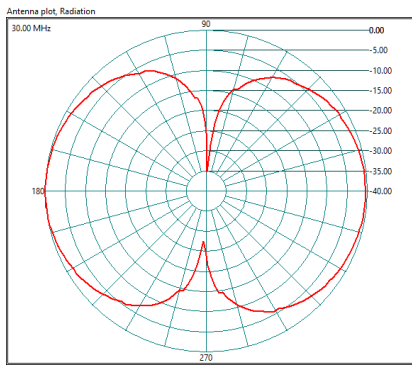
### Electrical Specifications

<b>Frequency</b>	30-512 MHz
<b>VSWR</b>	< 3.5:1 (dependant on installation)
<b>Nominal Impedance</b>	50 ohm
<b>Power Rating</b>	50 W PEP
<b>Gain</b>	See graph
<b>Radiation Pattern</b>	Omnidirectional
<b>Polarisation</b>	Vertical
<b>Connector</b>	TNC female Others available on request

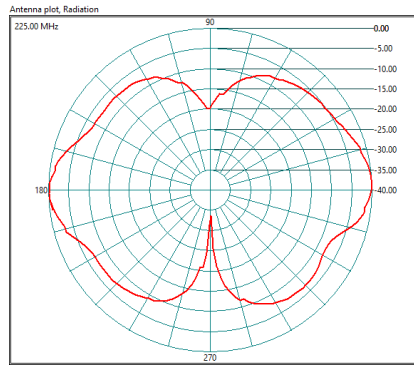
### Mechanical Specifications

<b>Design</b>	Centre fed dipole. Roll-up webbing construction
<b>Length</b>	2.6 m
<b>Weight</b>	Total kit: 1.54 kg Antenna: 0.55 kg Coaxial cable: 0.48 kg Throwing cord: 0.37 kg Bag: 0.14 kg
<b>Finish</b>	Fabric/webbing
<b>Colour</b>	Tan (other colours on request)
<b>Installation</b>	Deploy using suitable structure or tree with supplied hoisting rope
<b>Temperature Range</b>	- 55°C to + 71°C

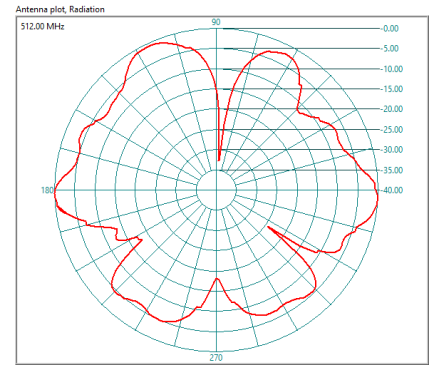
## Radiation Patterns (typical)



30 MHz

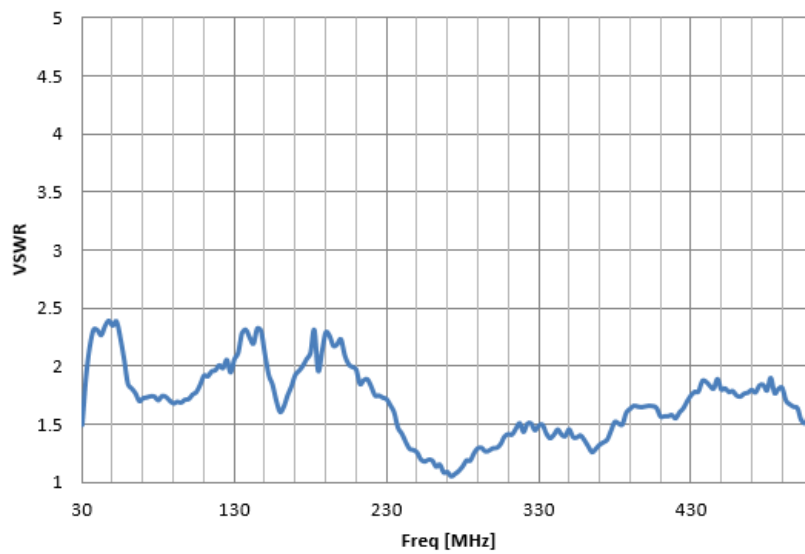


225 MHz

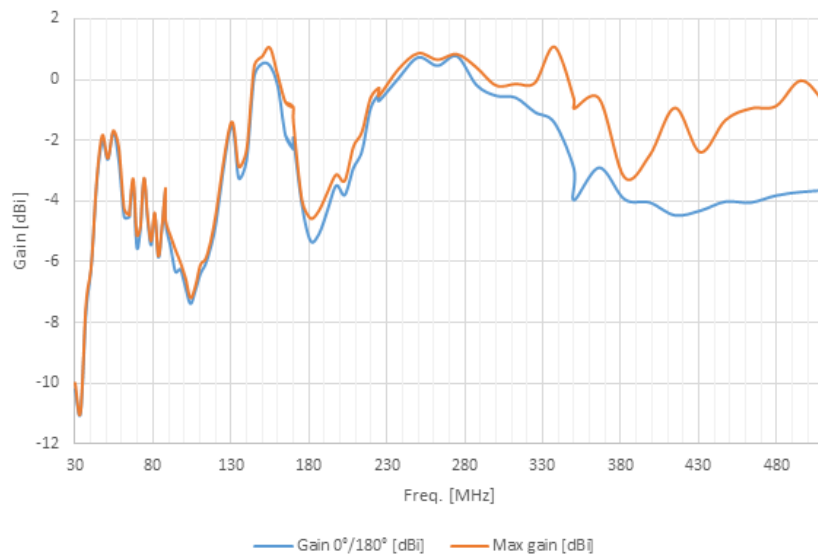


512 MHz

## VSWR including cable (typical)



## Gain (typical)



## Typical Kit Contents

Description	Item	Qty
VHF30512UCD Antenna	1	1
Coaxial cable, LMR200, 10 m	2	1
Throwing cord	3	1
Bag	4	1
User manual (not shown)	-	1



Antenna rolled  
(man-portable)



Antenna kit supplied  
in one small bag



Bag with MOLLE  
(PALS) compatible  
webbing system

February 2021

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All specifications are subject to change without notice  
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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