



### General Description & Application

Tactical whip antenna, high gain UHF wideband, Center-Fed, designed to be installed on military vehicles (Jeeps, LAV, Armored vehicles, ...), working with a all UHF hopping combat radio in the range 225 to 512MHz.

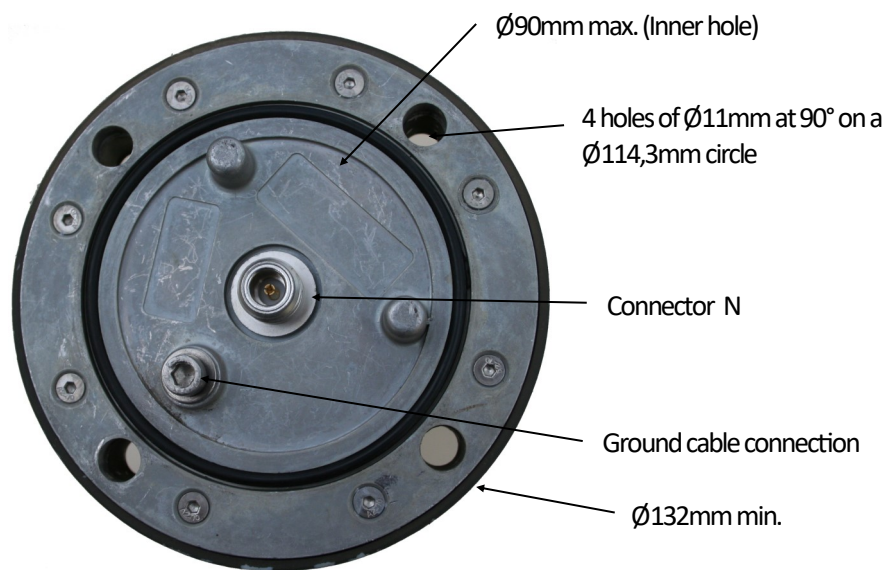
The whip is made of high resistance fiberglass reinforced Epoxy resin.

A mast adapter is available as option.

### Specification

|                                 |                      |
|---------------------------------|----------------------|
| Frequency Range                 | 225 –512 MHz         |
| Total Height                    | 1.5m                 |
| Weight                          | ≤ 3kg                |
| Polarisation                    | Vertical             |
| VSWR                            | ≤ 3:1                |
| Impedance                       | 50 Ω                 |
| Gain (Typical)                  | 0-2 dBi              |
| Power                           | 50w                  |
| Connection                      | N type female        |
| Wind Speed (operational)        | 160 km/h             |
| Oak Beam Resistance             | 25 impacts at 40km/h |
| Temperature Range (operational) | -40°C to +70°C       |
| Salt Fog                        | 96 hours             |

## Vehicle Installation



## Installation on mast

The LB2244SF2 antenna may also be installed on a Ø40mm mast, thanks to its optional mast adapter.

The whip may be dismounted from vehicle and be used on mast adapter for mast installation.

COMROD can also provide masts to support one or two antennas.

