

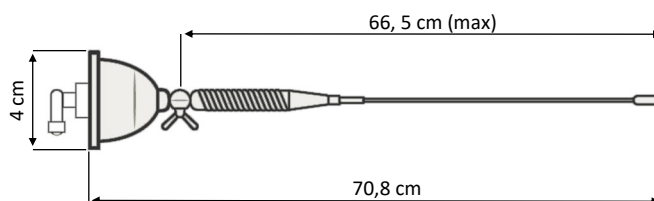
# ES TUNABLE



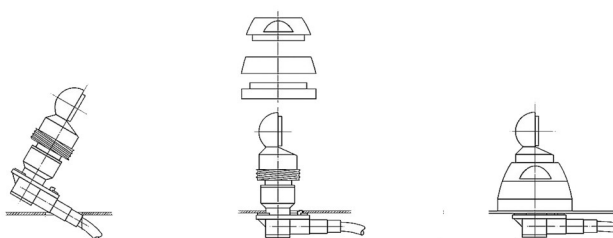
## GENERAL DESCRIPTION

Wideband antenna operating in the 108 - 550 MHz frequencies range and suitable for use on emergency vehicles. Built with robust and flexible materials, thanks to the adjustable length of the rod, it can be adapted to the working frequency required by the transceiver in use.

## DIMENSIONS



## BASE MOUNTING SCHEME



|                    | VHF - UHF - TETRA                                                                      |
|--------------------|----------------------------------------------------------------------------------------|
| Frequencies        | From 108 to 550 MHz with tunable rod                                                   |
| Power supply       | Passive antenna                                                                        |
| Radiation          | Omnidirectional                                                                        |
| Polarization       | Vertical - Linear                                                                      |
| Type               | $1/4 \lambda$                                                                          |
| Impedance          | 50 $\Omega$                                                                            |
| Gain               | 2,15 dBi (referred to the center band)                                                 |
| VSWR               | < 1.5:1 (referred to the center band)                                                  |
| Max power          | 100 Watt                                                                               |
| Cable lenght       | 5 meters                                                                               |
| Cable type         | RG58                                                                                   |
| Connector          | Cable without connector to the device side                                             |
| Mounting           | Metal plane                                                                            |
| Coachwork drilling | Round $\varnothing$ 19 mm                                                              |
| Tightening torque  | 4 Nm $\pm$ 10 %                                                                        |
| Materials          | Rod: 17/7 PH stainless steel / Spring: stainless steel / Base: chromed brass and nylon |
| Weight             | 400 g                                                                                  |
| Temperature        | Working: -40° to +95° / Storage: -40° C to +105° C                                     |

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