

## ZAV-7

VHF 150-165MHz

### Centre Fed Coaxial Dipole

The ZAV-7 is made to Military Standards to ensure it can withstand the harshest of conditions and treatment. The internal are embedded in PUR foam to protect them from moisture ingress and detrimental vibrations.

Having a versatile mount, it can be bolted to any flat surface or using its U-bolts, mounted on a pole.

Coaxial feeder cable, connectors and other installation accessories are all available separately.

| Specifications                  | ZAV-7  |
|---------------------------------|--|
| Construction                    | White radome, aluminium mounting section   |
| Frequency Range                 | VHF 150-165MHz   |
| Bandwidth                       | Full band  |
| VSWR                            | 2:1 VSWR across full band  |
| Tuning                          | Factory  |
| Gain                            | 2.1 dBi  |
| Maximum Power                   | 100 Watts  |
| Impedance (nominal)             | 50 Ohms  |
| DC Grounding                    | Yes  |
| Polarisation                    | Vertical   |
| H Plane                         | 360° omnidirectional, ± 0.5 dBd  |
| E Plane                         | 46°  |
| Connector                       | UHF female in base of mount section  |
| Height                          | 2 metres   |
| Weight                          | 2Kg  |
| Projected Area                  | 0.05m <sup>2</sup>   |
| Wind Load at 160kph             | 5.972Kg, 0.06kN  |
| Mounting Accessories (supplied) | Mount plate has 4 x equispaced holes, 65mm stainless steel U-bolts supplied                        |
| Mounting Position (recommended) | Mount as high as possible on your structure, mast or tower using the appropriate mounting bracket. |

