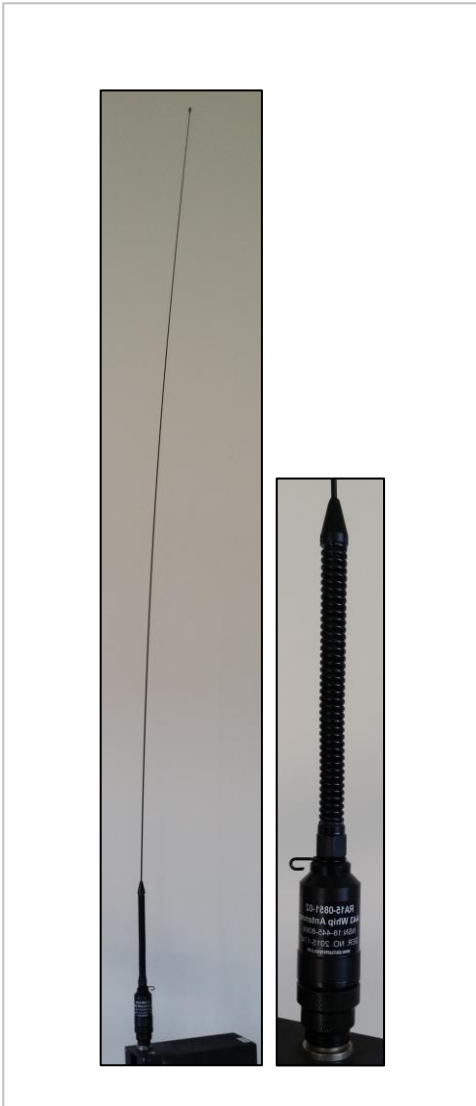


A43 Whip Antenna

30 – 88 MHz

Product Code: RA15-0851-03



SPECIFICATIONS:

| Electrical: | |
|---|---|
| Frequency range | 30 – 88 MHz |
| Gain | -8 dB – 0 dB w.r.t. ¼ wave whip |
| Azimuth beamwidth | 360 ° |
| Elevation beamwidth | 60 ° |
| Polarisation | Vertical |
| Nominal impedance | 50 Ω |
| VSWR | < 3:1 |
| Power handling: | 5 W |
| Connector | N-type male at base |
| Groundplane requirements | Groundplane dependent |
| Mechanical: | |
| Dimensions (l x d) | 1570 mm x 28 mm |
| Total mass | < 0.5 kg |
| Mounting | On N-type connector at base |
| Colour | Black, others on request |
| Environmental: designed to meet the following specifications | |
| Temperature range | Storage: -40 °C to +70 °C. Operation -30 °C to +55 °C |
| Weatherproofing | IP67 water resistant (when connector is properly fastened) |

PRODUCT OVERVIEW:

The A43 whip antenna is a wideband, highly flexible manpack antenna with spring designed for the VHF communication purposes.

The antenna's electrical design allows it to function even when bent out of shape, and guarantees that the VSWR will remain controlled under all conditions to ensure correct operation of the transmitter.

The A43 whip antenna has an omni-directional azimuth pattern with minimal ripple, and the elevation pattern shows no pattern break-up. The antenna is rated for 5 W continuous duty power handling.

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VERSION: 1.2

Elevation pattern:

