



The antenna UNITEL, model UAN-502 this made and designed with two closed dipoles, their dipoles distributed in angle of 90 degrees with which a Max Gain of 3 is obtained Dbs and with its directed dipoles all in a same direction we will obtain 6 Dbs of gain.

| MODEL                             | UAN 502  | UAN 502A   |
|-----------------------------------|--|--|
| Product Description               | 138-174 MHz  | 118-138 MHz AIR BAND   |
| Product Narrative                 | Two bay exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Can be mounted on the top or side of a tower. | Two bay exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Can be mounted on the top or side of a tower. |
| Specific Freq. (MHz)              | SL / L / M / H   | 118 -138 MHz   |
| Gain (dB)                         | 3 / 6  | 3 / 6  |
| Maximum Input Power (Watts)       | 300  | 300  |
| Bandwidth >1.5 VSWR               | See band.  | 20   |
| VSWR                              | 1.5 to 1 or less   | 1.5 to 1 or less   |
| Nominal Impedance                 | 50 (Ohms)  | 50 (Ohms)  |
| Vert. Beamwidth (-3dB)            | 36°  | 36°  |
| Lightning Prot.                   | Direct Ground  | Direct Ground  |
| Flexible Extension                | Harness with N Male  | Harness with N Male  |
| Overall Length                    | 3150 (mm)  | 3358 (mm)  |
| Mounting clamps                   | Galvanized Steel   | Galvanized Steel   |
| Rated Wind Velocity (MPH)         | 150 (KPH)  | 150 (KPH)  |
| Lateral Thrust @ RWV (lbs)        | 64 Lbs.  | 64 Lbs.  |
| Weight                            | 13 lbs   | 15 lbs   |
| Warranty                          | 1 year   | 1 year   |
| BAND                              | 137-143 MHz / SL   | 118-136 MHz  |
|                                   | 150-158 MHz / L  |  |
|                                   | 159-166 MHz / M  |  |
|                                   | 167-174 MHz / H  |  |
| Special frequencies are available | Contact us for details   |  |

