

## Technical Specificatin

### 136-960 MHz Quarterwave

### CLASSIC MOBILE ANTENNA

**Performance:** These antennas provide unity gain in a wideband design for heavy duty service. They have a power handling capacity of 200 watts.

**Stylish and Durable:** These antennas are manufactured using the finest corrosion resistant materials and finishes available. They are available in triple plated chrome and black finishes.

**Reliable:** The ABS base has an ultrasonically welded brass insert and a gold plated spring loaded contact.

**Versatile:** They are shipped with a 20" whip that can be cut to any frequency between 136 and 960MHz. They can also be supplied cut and tested to a specific frequency at no extra charge.

**Standard Mounting:** These antennas mate with the standard TAD/NMO type mount, providing an excellent moisture seal even when the antenna is removed.

#### A2111A, B

An integrated magnet mount version of this antenna is also available. It features a powerful magnetic base with a protective mylar to prevent damage to any mounting service. It is supplied with 12 feet of RG58U coax and PL259 connector.



#### SPECIFICATIONS:

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>FREQUENCY RANGE:</b> | 136-960MHz                        |
| <b>GAIN:</b>            | Unity                             |
| <b>IMPEDANCE:</b>       | 50 ohms                           |
| <b>POWER RATING:</b>    | 200 watts                         |
| <b>VSWR:</b>            | <1.2:1                            |
| <b>RADIATOR:</b>        | Stainless steel                   |
| <b>BASE:</b>            | ABS, Ultrasonic brass insert      |
| <b>CONTACT:</b>         | Gold plated spring loaded contact |
| <b>LENGTH:</b>          | Frequency dependent 20" max.      |
| <b>MOUNTING:</b>        | Standard TAD/NMO type             |

| FREQUENCY  | A1111 Permanent Mount |            | A2111 Magnet Mount |            |
|------------|-----------------------|------------|--------------------|------------|
|            | BRITE                 | BLACK      | BRITE              | BLACK      |
| 136-144MHz | A1111A-136            | A1111B-136 | A2111A-136         | A2111B-136 |
| 144-150MHz | A1111A-144            | A1111B-144 | A2111A-144         | A2111B-144 |
| 150-162MHz | A1111A-150            | A1111B-150 | A2111A-150         | A2111B-150 |
| 162-174MHz | A1111A-162            | A1111B-162 | A2111A-162         | A2111B-162 |
| 220-225MHz | A1111A-220            | A1111B-220 | A2111A-220         | A2111B-220 |
| 406-430MHz | A1111A-406            | A1111B-406 | A2111A-406         | A2111B-406 |
| 430-450MHz | A1111A-430            | A1111B-430 | A2111A-430         | A2111B-430 |
| 450-470MHz | A1111A-450            | A1111B-450 | A2111A-450         | A2111B-450 |
| 470-490MHz | A1111A-470            | A1111B-470 | A2111A-470         | A2111B-470 |
| 490-512MHz | A1111A-490            | A1111B-490 | A2111A-490         | A2111B-490 |
| 806-896MHz | A1111A-800            | A1111B-800 | A2111A-800         | A2111B-800 |
| 896-970MHz | A1111A-900            | A1111B-900 | A2111A-900         | A2111B-900 |