

## TRAM® Fiberglass Base Antennas

- High performance 200 watts power rating, low SWR & broad banded.
- In models with multiple sections there is a special design of the joint bracket to connect fiberglass tubing that enables the antenna to maintain the same strength as one.
- The radiator and coil are hermetically sealed in fiberglass tubing to assure low SWR in all weather.
- DC ground construction allows static dissipation for low noise ratio and maximum lightning protection.
- Vertical polarization with 50 ohms impedance.
- Mast diameter accepted is 1 3/16" to 2 7/16" (30-62 mm) • UHF (SO-239) connector.
- Poly bag w/header card, UPC coded.

| Model                                                                                                                                                 | Description                                                                                        | Frequency Range MHz | Band Width MHz | Gain dBd | Max Wind              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------|----------------|----------|-----------------------|
| <b>UHF Base</b>                                                                                                                                       |                                                                                                    |                     |                |          |                       |
| 1485                                                                                                                                                  | 39" (1.0m) tall<br>single section<br>5/8 over 1/2 wave<br>3 elements<br>7" (19.5 cm) radial length | 400-495 MHz         | 20 MHz         | 5 dBd    | 135 MPH<br>(60 m/sec) |
| This antenna is pretuned to 460 MHz with a bandwidth of 450 to 470 MHz<br>To tune to another frequency adjust to specified lengths on adjusting chart |                                                                                                    |                     |                |          |                       |
| 1486                                                                                                                                                  | 5'3" (1.6 m) tall<br>single section<br>5/8 wave 3 elements<br>7" (19.5 cm) radial length           | 406-512 MHz         | 10 MHz         | 6.5 dBd  | 135 MPH<br>(60 m/sec) |

## VHF Base

|      |                                                                                                    |             |       |         |                       |
|------|----------------------------------------------------------------------------------------------------|-------------|-------|---------|-----------------------|
| 1487 | 4'10" (1.47 m) tall<br>single section<br>5/8 wave 3 elements<br>20 1/2" (52 cm) radial length      | 134-184 MHz | 5 MHz | 4.5 dBd | 135 MPH<br>(60 m/sec) |
| 1488 | 6'3" (1.9 m) tall<br>single section<br>6/8 wave<br>20 1/2" (52cm) radial length                    | 116-142 MHz |       | 4.5 dBd |                       |
| 1490 | 10'6" (3.2 m) tall<br>2 section<br>7/8 over 7/8 wave length<br>20 1/2" (52 cm) radial length       | 144-174 MHz | 5 MHz | 6.7 dBd | 110 MPH<br>(50 m/sec) |
| 1491 | 14'10" (4.52 m) tall<br>3 section<br>5/8 wave 3 elements<br>c-load<br>20 1/2" (52cm) radial length | 144-174 MHz | 5 MHz | 7.8 dBd | 90 MPH<br>(40 m/sec)  |
| 1494 | 5' (1.52 m) tall<br>single section<br>5/8 over 1/2 wave<br>20 1/2" (52 cm) radial length           | 220-350 MHz | 5 MHz | 4.5 dBd | 135 MPH<br>(60 m/sec) |

## Dual Band Base

| Model | Description                                                                                                                                     | Frequency Range MHz        | Band Width MHz  | Gain dBd            | Max Wind              |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------------|-----------------------|
| 1480  | 8'4" (2.54 m) tall<br>2 section<br>5/8 wave 2 elements<br>(2 m) & 5/8 wave<br>4 elements (70 cm)<br>20 1/2" (52 cm) radial length               | 144-148 MHz<br>430-450 MHz | 4 MHz<br>20 MHz | 6 dBd<br>8 dBd      | 110 MPH<br>(50 m/sec) |
| 1481  | 17' (5.18 m) tall<br>3 section<br>5/8 wave 3 elements<br>c-load (2 m)<br>5/8 wave 8 elements<br>c-load (70 cm)<br>20 1/2" (52 cm) radial length | 144-148 MHz<br>430-450 MHz | 4 MHz<br>20 MHz | 8.3 dBd<br>11.7 dBd | 90 MPH<br>(40 m/sec)  |

## No Ground Mini CB Base

- 3 ft. tall • 500 watts • UHF (SO-239) connector • Mast or attic mounting • Can be used for mobile vehicles also.

