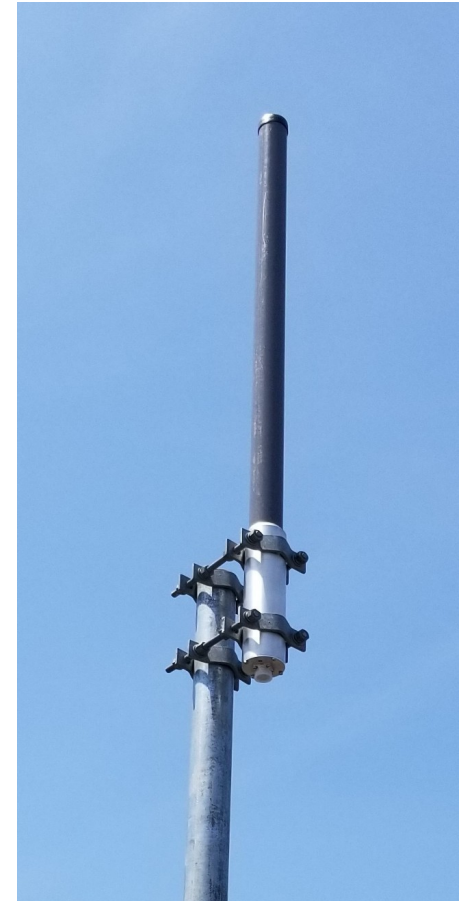


## PTC Collinear Omni Antenna

- Stable Electrical performance across entire band
- High quality mechanical package provides IP 66 rating

| Electrical Specifications                |                           |     |
|------------------------------------------|---------------------------|-----|
| Frequency Range                          | 217-225 MHz               |     |
| Gain                                     | 2.5 dBd                   |     |
| VSWR (Return Loss)                       | <1.5:1 (14dB)             |     |
| Passive IM 3 <sup>rd</sup> Order (2x20W) | -150 dBc                  |     |
| Peak Instantaneous Power (PIP)           | 25 kW                     |     |
| Power Input                              | 500 W                     |     |
| Vertical Beamwidth                       | 30°                       |     |
| Horizontal Beamwidth                     | Omni +/-0.5 dB            |     |
| Input                                    | 7-16 DIN Female           | D7  |
|                                          | 4.3-10 DIN Female         | D4  |
|                                          | N-Male                    | NM  |
| Mechanical Specifications                |                           |     |
| Configuration                            | Collinear Dipole          |     |
| Length                                   | 68.0"                     |     |
| Radome Diameter                          | 2.50"                     |     |
| Weight                                   | 12 lbs                    |     |
| Shipping Weight                          | 20 lbs                    |     |
| Shipping Dimensions                      | L                         | 72" |
|                                          | W                         | 3"  |
|                                          | H                         | 3"  |
| Mounting Area                            | 20" x 3.0" diam. aluminum |     |
| Suggested Clamps (not included)          | PLMTKIT                   |     |



| Environmental Specifications |                                |
|------------------------------|--------------------------------|
| Operating Temperature        | -58° to +140°F (-50°C to 60°C) |
| IP Rating                    | 66                             |
| Projected Area               | 0.9 ft <sup>2</sup> (no ice)   |
|                              | 1.3 ft <sup>2</sup> (ice)      |
| Lateral Thrust @ 100mph      | 45 lbs                         |
| Wind Gust Rating             | 150 mph                        |

### ATC-GC2V20-**X**

**X** = Input Connector [D7 for 7-16 DIN(f); D4 for 4.3-10 DIN(f); NM for N-Male]

**Standard Elevation Pattern**

