



| Electrical Specifications |                |
|---------------------------|----------------|
| Frequency Range           | 210-252 MHz    |
| Gain dBd                  | 2 dBd          |
| Nominal Impedance         | 50 $\Omega$    |
| VSWR (Return loss)        | < 1.5:1 (14dB) |
| Down Tilt                 | N/A            |
| Peak Instantaneous Power  | 25 kW          |
| Power Input               | 400 W          |
| Vertical Beamwidth        | 78°            |
| Horizontal Beamwidth      | 160°           |
| Input                     | N-Male         |

| Mechanical Specifications       |                                                              |
|---------------------------------|--------------------------------------------------------------|
| Configuration                   | Welded Aluminum                                              |
| Length                          | 23.00"                                                       |
| Weight                          | 8 lbs                                                        |
| Shipping Weight                 | 15 lbs                                                       |
| Shipping Dimensions             | H 4.5"                                                       |
|                                 | W 24"                                                        |
|                                 | L 24"                                                        |
| Projected Area                  | 0.17ft <sup>2</sup> (no ice), 0.36ft <sup>2</sup> (with ice) |
| Lateral Thrust @ 100mph         | 20 lbs                                                       |
| Torque @ 100mph ft-lbs          | 1.9                                                          |
| Mounting Area                   | 8" x 1.50" SCH40 Aluminum                                    |
| Suggested Clamps (not included) | PLMTKIT-S                                                    |
| Wind Gust Rating                | >150 (with or without ice)                                   |

