



| Electrical Specifications | |
|--|-------------------|
| Frequency Range | 746-870 MHz |
| Gain | 2.5 dBd |
| Nominal Impedance | 50 Ω |
| Antenna Isolation | N/a |
| Tuned Bandwidth | Entire band |
| VSWR (Return loss) | < 1.5:1 (14dB) |
| Down Tilt | N/A |
| Passive IM 3 rd order (2x20W) | -150 dBc |
| Peak Instantaneous Power | 25 kW |
| Power Input | 500 W |
| Vertical Beamwidth | 28° |
| Horizontal Beamwidth | Omni +/-0.5dB |
| Input | 7/16" DIN-Female* |

| Mechanical Specifications | | |
|---------------------------------|--|-------|
| Configuration | Collinear Dipole | |
| Length | 42.5" | |
| Radome Diameter | 2.5" | |
| Weight | 8.5 lbs | |
| Shipping Weight | 12 lbs | |
| Shipping Dimensions | H | 4.00" |
| | W | 4.00" |
| | L | 50" |
| Projected Area | 0.9ft ² (no ice), 1.2ft ² (with ice) | |
| Lateral Thrust @ 100mph | 34 lbs | |
| Torque @ 100mph ft-lbs | 15 | |
| Mounting Area | 24.00" x 2.375" diam. Aluminum | |
| Suggested Clamps (not included) | PLMTKIT | |
| Wind Gust Rating | >150 mph (with or without ice) | |



*Other connector types available upon request.

