

2.0 ANTENNA SPECIFICATIONS

2.1 ELECTRICAL SPECIFICATIONS

Power 150 watts average / 300 watts peak
or
1 kW average / 2 kW peak

Frequency 2.0 - 30.0 MHz (5065-100 series)
2.5 - 30.0 MHz (5065-102 series)
3.6 - 30.0 MHz (5065-103 series)
5.5 - 30.0 MHz (5065-104 series)

VSWR 2.5: 1 nominal

Input impedance 50 OHMS

Input Connector "N" type, female or

"UHF" type, female

Antenna height 15.0 metres (49.2 feet)

Temperature -40 to +50°C (-40 to +122°F)

Radiation Patterns Refer to Appendix A

2.2 MECHANICAL SPECIFICATIONS

Weight 30 kg. (60 lbs.)

Wind Rated for 160 kph (100 mph) or

110 kph (68 mph) with 6.4mm (0.25")

radial ice.

Overall Length (array) 44.0m (144.0 ft.)

Overall Width (at spreader bar) 1.4m (4.5 ft.) - (5065-100 series)

2.0m (6.6 ft.) - (5065-102 thru -104)